



# KEYSER MARSTON ASSOCIATES

## **DRAFT PARK DEDICATION IN-LIEU FEE AND DEVELOPMENT IMPACT FEE STUDY**

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**County of Santa Cruz**

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## **I. INTRODUCTION, SUMMARY OF CURRENT PROGRAM, RESULTS, AND RECOMMENDATIONS**

This Parks Dedication In-lieu Fee study and Park and Recreation Impact Fee nexus analysis provide the County of Santa Cruz (the County) with the necessary technical documentation to support updating its current Park Dedication Fee to fund parks and recreation capital facilities, including land acquisition, parks improvements and facilities. The study has been prepared by Keyser Marston Associates, Inc. (KMA).

### **A. Summary of Current Program**

The County currently requires as a condition of approval of any permit to build a single-family residential unit, multi-family structure, visitor accommodation structure, mobile home park, or to construct an addition to an existing dwelling unit that will create additional bedrooms, and as a condition of approval of a tentative map of any land division, an owner shall be required to dedicate land, pay a fee in-lieu thereof, or do a combination of both, for park and recreational purposes. The park dedication requirement is 400 square feet of developable parkland improved for park use for every single-family dwelling unit or 300 square feet for every multiple family dwelling unit, mobile home, or visitor accommodation unit. The current fee schedule<sup>1</sup> specifies fees for eighteen (18) different unincorporated areas within the County. The fees range from \$434.00 to \$1,000 per bedroom. The County has the final discretion regarding whether the obligation is met through dedicating land or paying fees.

The in-lieu fees are used to acquire land and construct park and trail improvements to meet the County's per capita parks service standards, which are contained in the County's General Plan. The General Plan, which was last updated in 1994, states that the County should provide and maintain a system of neighborhood, community, rural and regional park and recreational facilities throughout the County based on the following standards;

- 5 to 6 acres of usable rural parkland per 1,000 residents in rural areas;
- 3 acres of usable neighborhood parks per 1,000 residents in non-rural areas; and
- 2 to 3 acres of usable community parks per 1,000 residents in non-rural areas.

In total, the General Plan's service standards equal approximately 5 to 6 acres of parkland per 1,000 residents. The General Plan identifies 15 planning areas, of which 10 are identified as "rural", 3 are identified as "non-rural", and 2 have both rural and non-rural subareas. Under the County's current program, fee revenue collected in each area is only used to fund improvements within the said area. As the County has grown over time and the qualities of each community has evolved, this system has proven to be inefficient and limits the efficacy of the County's parks

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<sup>1</sup> Fee schedule is provided as Table A-1 in the Appendix.

program. As a result, the County desires for fee revenues to be deposited into a single account and be used to fund priority parks throughout the County.

## **B. County's Objectives for Updating its Parks Dedication and Fee Program**

The County's primary objectives for updating its Parks Dedication and Fee Program are as follows:

- Ensure that the impact fee requirements on non-subdivision projects are consistent with the provisions of the California Mitigation Fee Act (AB 1600 et.seq.);
- Ensure that the parks dedication and in-lieu fee requirements for subdivision developments are consistent with the provisions of the Quimby Act (Section 66477 of the California Government Code) as well as the California Mitigation Fee Act;
- Establish a fee on hotel and motel development to fund improvements to serve the demand generated by non-resident visitors to Santa Cruz County, which has been demonstrated by a recent survey of park users conducted at County parks;
- Update fee levels to align them with current land acquisition and park development costs;
- Modify the application of fees on non-subdivision residential development from per bedroom to per square foot of livable building area;
- Modify the application of fees on subdivision residential development from per bedroom to per residential unit;
- Improve the efficiency of use of fee revenue and prioritization of improvements by establishing a single fund for the park facility development impact fees, which will enable the County to use collected fees on eligible improvements throughout the County

## **C. Report Background and Legal Context**

### *1. The California Mitigation Fee Act (AB 1600)*

The Mitigation Fee Act (Section 66000 – 6608 of the California Government Code) permits local jurisdictions to adopt parks and recreation development impact fees on new development to fund the associated, additional costs of providing parks and recreation capital facilities.

This Report provides the necessary technical analysis to support a schedule of fees to be established by an Impact Fee Ordinance and Resolution. The Mitigation Fee Act allows the

County to adopt by Resolution a fee schedule consistent with the supporting technical analysis and findings provided in this Report. The Resolution's approach to setting the fee allows periodic adjustments of the fee amount as may be necessary over time, without amending the enabling Ordinance.

The technical analysis in this Report estimates the parks and recreation facility fee schedule that will fund new development's "fair share" contribution to future County investments in parks. The key requirements of the Mitigation Fee Act that determine the structure, scope, and amount of the proposed Fee Program are as follows:

- **Collected for Capital Facility and Infrastructure Improvements.** Development impact fee revenue can be collected and used to cover the cost of capital facilities and infrastructure required to serve new development and growth in the County. However, impact fee revenue cannot be used to cover the operation and maintenance costs of these or any other facilities and infrastructure.
- **Cannot Fund Existing Needs.** Impact fee revenue cannot be collected or used to cover deficiencies in existing County capital equipment and facilities. The portion of capital costs required to meet the needs of the County's existing population must be funded through other sources. Capital facility investments that increase service standards for existing and new development must be split on a "fair share" basis according to the proportion attributable to each.
- **Must be Based on a Rational Nexus.** An impact fee must be based on a reasonable nexus, or connection, between new growth and development and the need for a new facility or improvement. As such, an impact fee must be supported by specific findings that explain or demonstrate this nexus. In addition, the impact fee amount must be structured such that the revenue generated does not exceed the cost of providing the facility or improvement for which the fee is imposed.

The County can choose to charge parks and recreation development impact fees below the maximum, supportable fee schedule. Such downward adjustments in the fee schedule, if selected, are typically based on policy considerations related to considerations of development feasibility and fee levels in peer cities.

## 2. *Quimby Act (Section 66477 of the California Government Code)*

The County's current program is based on the provisions of the Quimby Act. In summary, the code requires residential projects that require approval of a tentative map or parcel map to either dedicate land, pay a fee in lieu of dedication, or both. The fees may be used to develop new or rehabilitate existing neighborhood or community parks or recreational facilities within the neighborhood that serves the project. The dedication of land, or the payment of fees, or a combination of both, cannot exceed the proportionate amount

necessary to provide three (3) acres of neighborhood and community park area per 1,000 persons to reside within the subdivision, unless the amount of existing neighborhood and community park area within the jurisdiction exceeds the limit, in which case the jurisdiction may adopt a higher standard not to exceed five (5) acres per 1,000 per thousand residents expected to reside within the subdivision. The dedication and fee amounts are to reflect the residential density of the subdivision and the average number of persons per household.

#### **D. Facility Standards and Cost Allocation Approach**

A facility standard is a policy that indicates the quantity of facilities required to accommodate service demand. Examples of facility standards include building square feet per capita and park acres per capita. Standards may also be expressed in monetary terms such as the replacement value of facilities per capita. The adopted facility standard is an important component in determining development's need for new facilities and the amount of the supported fee. Standards determine new development's fair share of planned facilities and ensure that new development does not fund deficiencies associated with the existing city infrastructure.

The County's General Plan provides a service standard totaling approximately 5 to 6 acres of neighborhood/community parks (or rural parks) per 1,000 residents. County-owned neighborhood, rural, and community parks and rural parks currently total approximately 722.1 acres, which translates into 5.3 park acres per 1,000 residents. Existing park acreage (existing level of service) is within the County's aggregate service standard. Based on available data, there are approximately 164 acres of County-owned neighborhood, rural, and community parkland that are improved with facilities, or 1.20 improved park acres per 1,000 residents.

The park dedication in-lieu fee calculated in this report is based on the County's stated service standard for park acreage, the existing level of service of park facilities, limits of the Quimby Act, and the cost of developing new parks. The cost to maintain the existing level of service to new residents through the buildout of the General Plan has been estimated. New development will be required to fund the expansion of facilities at the same rate that existing development has provided to date. Thus, new development will not be funding any existing deficiency.

The park facility development impact fees calculated in this report are also based on the existing level of service of park facilities, but with the service population including residents, people who work in the county, and non-resident visitors to the county. This methodology recognizes that the County's parks serve non-resident employees and non-resident visitors as well as residents. Park use by visitors and employees has been documented by a county survey. The survey is provided as Appendix B.

The County has identified some, but not all, of the planned new parks to potentially be funded by the fee (and other sources, as necessary) through the region's 2040 planning horizon.

## E. Maximum Fee Schedules

Table 1 shows the maximum supported park dedication in-lieu fee to apply to residential subdivision projects that do not dedicate improved parkland. The fee amount is based on the dedication requirement of 5 acres per 1,000 residents and an average household size of 2.72 persons for occupied units and 2.48 for all residential units based on the most recent census data. The in-lieu fees will be collected at the time that a tentative map is recorded.

Table 2 shows the maximum supported park facility impact fee to be levied on residential non-subdivision development and non-residential development. The maximum fee schedule is based on the nexus findings and technical analysis contained in this Report. The park facility development impact fees will apply to new residential and non-residential development to fund a share of future parks and recreation capital facilities investments throughout the County. The impact fees will be collected at the time that building permits are issued for new development. The calculation of the fee is presented in Section IV of this report.

**Table 1: Maximum Park Dedication In-Lieu Fee for Residential Subdivision Projects**

	Maximum Supported In-Lieu Fee
	<i>Fee for Projects that Do Not Dedicate Land for Parks</i>
Maximum Fee Per Unit	\$21,503

**Table 2. Maximum Park and Recreation Facility Impact Fees**

	Maximum Supported Fee
Maximum Fee on Residential Uses per square foot of livable area	\$9.05
Maximum Fee on Per Gross Building Area of retail and restaurant space	\$11.15
Maximum Fee on Per Gross Building Area of office space	\$13.01
Maximum Fee on Per Gross Building Area of industrial space	\$5.20
Maximum Fee on Per Gross Building Area of research and development (R&D) space	\$5.20
Maximum Fee on Per Gross Building Area of hotel, motel and short-term rental space	\$13.31

## F. Fee Indexing

Since land and construction costs continue to rise, it is important that the fees be indexed to inflation. The fee schedule should be adjusted annually by a construction cost index, such as the Engineering News Record. Furthermore, land acquisition costs, which are an important component of the total fee and actual facility construction costs should be reviewed by the County at least every five years.

## II. DETERMINATION OF QUIMBY PARKLAND DEDICATION REQUIREMENT AND IN-LIEU FEES

Under the Quimby Act, the dedication of land for parks, or the payment of fees, or a combination of both, cannot exceed the proportionate amount necessary to provide three (3) acres of neighborhood/community park area per 1,000 future residents of persons of the subdivision, unless the amount of existing neighborhood/community park area within the jurisdiction exceeds the limit, in which case the jurisdiction may adopt a higher standard not to exceed five (5) acres per 1,000 per thousand residents expected to reside within the subdivision. The dedication and fee amounts are to reflect the residential density of the subdivision and the average number of persons per household.

As detailed in Section IV, the County currently provides a service level of 5.3 acres of community, neighborhood, and rural parks per 1,000 residents and the average household size of occupied and total residential units in the County is 2.72 and 2.48, respectively. The formula for calculating the required dedication of parkland square footage per residential unit is as follows:

**Average household size X Quimby standard (acres per 1,000 residents) / 1,000 X 43,560 square feet**

As shown in Table 3, the maximum land dedication requirement that can be imposed is 540 square feet per dwelling unit.

**Table 3. Justified Quimby Land Dedication Requirement**

	Avg. Household Size	Quimby Standard (Acres per 1,000 pop.)	Sq. Ft. of Park Land per Dwelling Unit
<i>Calculation</i>	<i>A</i>	<i>B</i>	<i>C= (A*B)/1000*43560</i>
<b>Residential Subdivisions</b>	<b>2.48</b>	<b>5.0</b>	<b>540</b>

As detailed in Section IV, the cost of acquiring park acreage approximates \$1.49 million per acre, or \$34.20 per square foot of parkland. Not all of the County's existing parks are fully improved. The value of the existing level of improvements equates to approximately \$211,000 per acre or \$4.84 per square foot of parkland. The combined total of acquisition costs and improvement costs is \$39.04 per square foot of community, neighborhood, and rural parkland. Given a dedication requirement of 540 square feet of parkland per dwelling unit, the calculated maximum fee amount is \$21,082 per unit. Including a 2% administrative fee allowance, the maximum in-lieu fee per residential unit is \$21,503 per unit.



**Table 4. Maximum Quimby In-lieu Fee for Residential Subdivisions**

	Sq. Ft. of Park Land per Dwelling Unit	Cost to acquire and improve parkland per square foot of parkland based on existing level of service	In-Lieu Fee per Dwelling Unit
<i>Calculation</i>	<i>C</i>	<i>D</i>	<i>E= (C * D) * 1.02</i>
<b>Residential Subdivisions</b>	<b>540</b>	<b>\$39.04</b>	<b>\$21,503</b>

### III. MITIGATION FEE ACT NEXUS FINDINGS

This chapter describes the necessary "nexus" between new development in Unincorporated Santa Cruz County and the proposed capital facilities investments, as required under the Mitigation Fee Act – Government Code Section 66000 (AB1600). The parks and recreation development impact fees will fund investments in parks and recreation facilities, improvements, and land acquisitions required to maintain existing levels of park facilities service in the County – the “fair share” contribution of new development.

Nexus findings address: (1) the **purpose** of the fee and a related description of the facility for which fee revenue will be used, (2) the specific **use** of fee revenue, 3) the **relationship** between the facility and the type of development, (4) the relationship between the **need** for the facility and the type of development, and (5) the relationship between the amount of the fee and the **proportionality** of cost specifically attributable to new development. The subsections below describe the nexus findings for the Parks and Recreation Facility Development Impact Fee.

#### A. Purpose

The fee will ensure an expansion in parks and recreation capital facilities in the unincorporated area of the County of Santa Cruz as new growth occurs.

#### B. Use of Fee

Fee revenue will be used to acquire land for parks and to construct improvements, such as playing fields, trails, basketball courts, restrooms, etc.

#### C. Relationship

New residential development in the unincorporated areas of the County of Santa Cruz will increase the demand for and use of parks and recreation facilities. As evidenced by the findings of the park user survey<sup>2</sup> conducted by the County, county parks are also extensively used by employees and visitors. Therefore, additional non-residential development in the unincorporated areas of the County will also increase the demand for and use of parks and recreation facilities. To address the impacts of all types of development, park impact fees will be levied on the square footage of additional residential, retail, restaurant, office, R&D, industrial, and hotel and motel development. Fee revenue will be used to help fund new parks and recreation facilities in response to the increased demand.

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<sup>2</sup> Survey is provided as Attachment B to this report.

#### **D. Need**

Each new development will bring new residents, and/or employees, and/or visitors to the County and will generate incremental, new demand and use of the County's parks and recreation facilities. New revenues to fund investments in additional parks and recreation capital improvements are necessary to maintain the County's parks and recreation capital facilities service standards and the current level of service.

#### **E. Proportionality**

The maximum, supportable parks and recreation fee schedule has been based on a parks and recreation capital facilities cost estimate derived by applying the proportionate increase in residential population, non-resident employee population, and non-resident visitor population associated with new development to the existing operative service standard/value of parks and park improvements. As a result, the fee program cost estimates are directly proportional to the relative increase in new development.

#### IV. DEMAND FOR NEW PARK AND RECREATION FACILITIES AND SUPPORTED IMPACT FEE AMOUNTS

##### A. Service Population for Quimby Land Dedication and In-lieu Fees

The County’s General Plan, which was last updated in 1994, states that the County should provide and maintain a system of neighborhood, community, rural and regional park and recreational facilities throughout the County based on the following standards;

- 5 to 6 acres of usable rural parkland per 1,000 residents in rural areas;
- 3 acres of usable neighborhood parks per 1,000 residents in non-rural areas; and
- 2 to 3 acres of usable community parks per 1,000 residents in non-rural areas.

In total, the General Plan’s service standards equal approximately 5 to 6 acres of parkland per 1,000 residents. The General Plan identifies 15 planning areas, of which 10 are identified as “rural”, 3 are identified as “non-rural”, and 2 have both rural and non-rural subareas. The General Plan does not, however, define “rural” versus “non-rural”, and the character of the planning areas have significantly changed over time.

Given the nebulous definition of “rural”, the evolving character of the County, and the consideration that the park facilities of rural parks are similar to the facilities in community and neighborhood parks, this analysis uses the General Plan’s overall service standard of 5 to 6 acres per 1,000 residents. Therefore, under the County’s policy, new residents are the determining driver/service population for new park and recreation facilities. As shown in Table 5, the County’s unincorporated population totaled approximately 135,000 in 2015 and is estimated by AMBAG to total 136,891 in 2020 and 141,645 by 2040. Based on these estimates, KMA has estimated the current population at 136,151. As shown, the population is anticipated to increase by 5,494 people between 2018 and 2040.

**Table 5. Service Population for Quimby Land Dedication and In-Lieu Fees**

	Residents <sup>1</sup>	Est. Urban <sup>2</sup>	Est. Rural <sup>2</sup>
2015 Population	135,042	68,871	66,171
<b>Est. 2019 Population</b>	<b>136,151</b>	<b>69,437</b>	<b>66,714</b>
New Development (through-2040)	<u>5,494</u>	<u>NA</u>	<u>NA</u>
Total, 2040	141,645	NA	NA

<sup>1</sup>Source: AMBAG 2018 Regional Growth Forecast and KMA interpolation for yr. 2019

<sup>2</sup> Application of General Plan’s urban/rural shares of population to 2015 and 2018 population estimates. General Plan’s estimates are provided in Appendix A-1.

## B. Service Population for Impact Fees to be Levied on Non-Subdivision Residential Development and Non-Residential Development

The service population relative to the impact fee calculation is expanded beyond residents to include both employees and visitors. Based on data published by AMBAG, employment in the unincorporated area of Santa Cruz County currently totals approximately 38,500.

The number of out-of-town visitors generated by hotels, motels, and short-term rentals located in the unincorporated area of the County has been estimated based on the supply of lodging rooms and county-wide occupancy data. As detailed in Appendix Table A-5, there are currently 4,150 hotel and motel rooms throughout the entire County, with 1,137 (or 27.4%) located in the unincorporated area of the County. In addition, there are reportedly 530 short term rental rooms available throughout the County. The supply of short-term rentals within the unincorporated area has been estimated by applying the unincorporated area's pro rata share of the hotel supply to the countywide stock of short-term rentals. Based on this calculation, it is estimated that there are 145 short term rentals in the unincorporated area. For purposes of this analysis, it is assumed that the average occupancy is two persons for hotel and motel rooms and four persons for vacation rentals and that lodging in the unincorporated area experiences the same occupancy rate as lodging throughout the county, which is 70.8%. Based on these assumptions, it is estimated that lodging facilities in the unincorporated area house approximately 2,021 visitors at any given time.

To derive the service population, the impact of employees and visitors is converted into "resident equivalents" so that there is a common unit of measure. The park user survey conducted by County staff indicates that "out of town visitors" visited the parks at a rate equal to 3.8 times the rate as residents visited the parks and that employees visited parks at a rate equal to 1.11 times the rate as residents. While these survey results indicate that employees and visitors have a greater impact than residents and should be weighted more heavily than residents, to be conservative this analysis assumes that employees and visitors have an impact equal to 50% of the impact. Based on this weighting, the service population is estimated to total 156,412.

**Table 6. Service Population for Park Facility Impact Fee**

	<b>Residents</b>	<b>Employees</b>	<b>Visitors</b>	<b>Total</b>
Total Population	136,151	38,500	2,021	176,672
Weighting Factor	100%	50%	50%	
<b>Service Population (Resident Equivalents)</b>	<b>136,151</b>	<b>19,250</b>	<b>1,011</b>	<b>156,412</b>

## C. Parks and Recreation Facility Inventory and Standards

As summarized in Table 7 and detailed in Appendix Table A-2, the County has a total inventory of 854.8 acres of existing County-owned parks. Of the existing acreage, approximately 42%

are community parks, 35% are rural parks, 15% are regional parks and 8% are neighborhood parks. Approximately 203 acres of the 855 total acreage are improved with facilities. Community, neighborhood, and rural park acreage totals 722.1, of which 164 acres are improved with facilities.

**Table 7. Existing Park Acres**

	<b>Total Acres</b>	<b>Acres with Facilities</b>	
Community Parks	354.9	42%	75.3
Neighborhood Parks	72.2	8%	48.0
Rural Parks	295	35%	40.7
Regional Parks	<u>132.7</u>	<u>16%</u>	<u>39.3</u>
All Parks	854.8	100%	203.3
Non-regional parks	722.1		164

*Source: Santa Cruz County. Park Inventory is detailed in Appendix Table A-2.*

As summarized in Table 8, while the County provides regional, community, neighborhood, and rural parks, the County’s General Plan service standards apply to community parks, neighborhood parks, and rural parks. As shown, the County’s service standard is from 5 to 6 acres of non-regional parkland per 1,000 residents. In comparison, the County is currently providing 5.3 acres of non-regional parkland per 1,000 residents, which exceeds the County’s standard, which is consistent with the County’s General Plan service standards.

**Table 8. General Plan Service Standards Versus Current Level of Service – Park Acres per 1,000 Urban, Rural and Total Residents**

	<b>General Plan Standard</b>		<b>Existing</b>
	<b>Low</b>	<b>High</b>	<b>Level of Service</b>
Community Park Acres Per 1,000 Urban Residents	2	3	<b>5.11</b>
Neighborhood Park Acres Per 1,000 Urban Residents	3	3	<b>1.04</b>
Rural Park Acres Per 1,000 Rural Residents	5	6	<b>4.42</b>
Regional Park Acres per 1,000 Residents	NA	NA	<b>0.97</b>
Non-Regional Park Acres per 1,000 Residents	5	6	<b>5.30</b>

Under the Quimby regulations, land dedications are limited to 5 acres per 1,000 residents. Therefore, for purposes of establishing the maximum Quimby in-lieu fee, the maximum fee is based on the cost to provide 5 acres per 1,000 residents.

While the Quimby regulations cap parkland dedication requirements to no more than 5 acres per 1,000 residents, there is not a comparable cap on park facility development impact fees. However, park facility impact fees cannot exceed the amount that is necessary to maintain the current level of service. The County is currently providing 5.47 acres of total parkland per 1,000 resident equivalents, which is the maximum service standard that can be used as the basis for establishing the County’s park facility impact fees. For consistency purposes, the County has elected to base the park facility impact fee on a standard of 5 acres of unimproved parkland per 1,000 resident equivalents and 1.2 acres of improved parkland per 1,000 resident equivalents.

## D. Parkland Development Costs

Table 9 provides an estimate of the cost of developing new parks, including the cost of acquiring land for park development. Land acquisition cost estimates are based on land sales throughout the unincorporated area since 2015, which are provided in Appendix Table A-3. There was a total of 31 sales within the unincorporated areas of properties that were either vacant land or improved with buildings slated for demolition. Six of the sales were for large acreage properties, ranging from 40 to 146 acres. The remaining 25 sales were for sites of less than 26 acres. The purpose of the fee is to fund the development of non-regional parks, which are no larger than 25 acres. Given that the fee will be used to acquire properties that are smaller than 26 acres, the pool of relevant land sales for purposes of estimated parkland acquisition costs consists of the sites that are less than 26 acres. The average sales price of the 25 properties was \$34.20 per square foot of land area (\$1,489,752 per acre).

The cost of developing park facilities varies significantly, depending on the nature of the facilities. Appendix Table A-4 provides the cost of the most recent significant park facility improvements undertaken and planned by the County. As shown, with adjustments for inflation, facility costs range from approximately \$65,000 to \$1.5 million per acre. For purposes of updating the County's park fee, a cost of \$879,000 per acre has been assumed, which reflects the average cost of the five projects with an added allowance to provide for the renovation of the improvements over time. As shown in Table 9, the cost to develop an acre of parkland is estimated to total \$2,368,752 including land and park facility development costs. Based on the service standards of 5 acres of parkland per 1,000 resident equivalents and 1.2 acres of improved park acres per 1,000 resident equivalents, park development costs approximate \$8,504 per resident equivalent. Given that employees are estimated to generate a demand equivalent to 50% of the level as a resident, the park cost per employee and visitor is estimated to total \$4,252.

**Table 9. Park Development Costs**

	Calculation	Land Costs <sup>1</sup>	Improvement Costs <sup>2</sup>	Total
<b>Cost per Acre</b>	A	\$1,489,752	\$879,000	\$2,368,752
<b>Service Standard – Acres of Park per 1,000 resident equivalents</b>	B	5	1.2	
<b>Cost Per Resident Equivalent</b>	$(A*B) / 1,000$	\$7,449	\$1,055	\$8,504
<b>Cost Per Resident</b>		\$7,449	\$1,055	\$8,504
<b>Cost Per Employee (50% of resident)</b>		\$3,725	\$527	\$4,252
<b>Cost per Visitor (50% of resident)</b>		\$3,725	\$527	\$4,252

<sup>1</sup> Reflects average value of recent land sales in unincorporated areas in Santa Cruz County. Please see Appendix Table A-3.

<sup>2</sup> Reflects inflation adjusted average per acre cost of most recent park improvement projects. Please see Appendix Table A-4.

## E. Park and Recreation Facilities Needed to Accommodate New Residential Development

Table 10 provides the estimate of the park acreage needed to accommodate the demand generated by new residents at the Quimby service standard level of 5 acres per 1,000 residents and the existing service level of 1.2 acres of improved non-regional acres per 1,000 residents. As shown, it is estimated that an additional 27 acres of parkland and 7 acres of facility-rich parkland will be needed to serve the needs of new residents through 2040. The cost of providing the needed parks is estimated to total approximately \$46.38 million. This analysis addresses only the cost to meet the service standards for new residential development. Meeting the demand generated by employees and visitors will require additional investment.

**Table 10: Park Land and Improvement Needs to Serve New Residents**

New Residents (through 2040)	5,494		
General Plan Standard	<u>5.00</u>	(total park acres per 1,000 residents)	
<b>Additional Park Acres to Serve New Residents</b>	<b>27</b>	Acres	
<b>Acreage with Facilities – Current Level of Service</b>	<b>1.2</b>	(park acres with facilities per 1,000 residents)	
<b>Additional Park Acres with Facilities to Serve New Residents</b>	<b>7</b>	Acres	
		<i>Improvements</i>	<i>Land +</i>
		<i>Land Only</i>	<i>Only Improvements</i>
<b>Cost per Acre</b>	(Table 9)	\$1,489,752	\$879,000
<b>Additional Park Acres to Serve New Residents</b>		27	7
<b>Total Park Investment Required to Serve New Residents</b>		\$40,223,304	\$6,153,000
			\$46,376,304
<b>Cost Per New Resident</b>		<b>\$7,321</b>	<b>\$1,120</b>
			<b>\$8,441</b>

## F. Residential and Employment Densities per Square Foot of Development

The County intends to levy the park facility impact fee on each square foot of new development. The average household size and the average square feet of new units is needed to convert the demand of new residents into demand per square foot of new livable space. Similarly, the employment density and visitor density of non-residential development is needed to convert the demand of new employees and visitors into demand per square foot of new gross building area.

According to the US Census' American Community Survey, the average household size in Santa Cruz County is 2.72 persons. The average vacancy rate is 8.9%. Applying this vacancy factor yields an effective average household size of 2.48 residents per residential unit. Based on employment densities used in establishing the County's childcare facility impact fee and current vacancy rates for various types of land uses, the average density per gross building area is as follows:



**Table 11. Employment Densities**

Employees per 1,000 square feet			
	Occupied GBA	Vacancy Rate	Total GBA
Retail and Restaurant	2.86	10%	2.57
Office	3.33	10%	3.00
R&D	1.33	10%	1.20
Industrial	1.33	29.2%	1.20
Hotel/Motel	1.0	10%	0.71

**G. Maximum Supported Residential Park Facility Impact Fee**

As described in Section D above, the cost per resident is \$8,504. Multiplying the cost per resident by the average household size and providing for a 2% administration fee yields a supported fee per unit of \$21,494. The supported fee per square foot of livable residential space is determined by dividing the supported fee per unit by average size of new units constructed in the unincorporated area of Santa Cruz County. As shown in Table 12, the maximum supported park facility development impact fee on residential development is \$9.05 per square foot of livable area.

**Table 12. Supported Park Facility Impact Fee per Residential Square Foot**

	Calculation / Source		
Average household size of occupied units	A	<sup>1</sup>	2.72
Average vacancy rate	B	<sup>1</sup>	8.9%
Average household size of all units, adjusted for vacancy	C	A*(100%-B)	2.48
Fee Per Resident	D	Table 9	\$8,504
Fee Per Unit	E	C * D*1.02	\$21,494
Average Square Footage of New Housing Stock	F	<sup>2</sup>	2,375
Fee Per SF of New Residential Livable Area		E/F	\$9.05
<sup>1</sup> Source: 2016 American Community Survey 1-Year Estimates			
<sup>2</sup> Average square footage of new residential units built in 2015 and 2016 in the unincorporated area of Santa Cruz County.			

**H. Maximum Non-Residential Park Facility Impact Fees Supported by Nexus Analysis**

As described in Section IV above, the cost per employee is \$4,252. The maximum fee per 1,000 square foot of non-residential building area to mitigate the demand by employees is derived by multiplying the cost per employee by the employment density. The fee per square foot is then determined by dividing the cost per 1,000 square feet by 1,000 and providing a 2% administration allowance. As shown in Table 13, the maximum park facility impact fee ranges from \$5.20 to \$13.01 per square foot.

**Table 13. Maximum Park Facility Impact Fee on Non-Residential Space, Excluding Lodging Facilities**

	Fee Per Employee	Employees per 1,000 Square Feet	Cost per 1,000 square feet	Fee Per SF of Gross GBA
<b>Calculation</b>	<b>A</b>	<b>B</b>	<b>C = A*B</b>	<b>(C / 1000)*1.02</b>
Retail and Restaurant	\$4,252	2.57	\$10,928	\$11.15
Office	\$4,252	3.00	\$12,756	\$13.01
R&D	\$4,252	1.20	\$5,102	\$5.20
Industrial	\$4,252	1.20	\$5,102	\$5.20

The maximum fee on lodging facilities is comprised of the cost to mitigate the demand generated by employees and the cost to mitigate the demand by visitors. The fee amount to mitigate employment demand is calculated using the same formula as used for the other non-residential land uses. As shown in Table 14, the fee per room/unit is \$13.31 per square foot of gross building area.

**Table 14. Maximum Park Facility Impact Fee on Lodging Facilities**

	Fee Per Employee	Employees per 1,000 Square Feet	Fee per 1,000 square feet		Fee Per SF of Gross GBA
<b>Calculation</b>	<b>A</b>	<b>B</b>	<b>C = A*B</b>		<b>(C / 1000)*1.02</b>
Hotels, Motels, and short term rentals	\$4,252	0.71	\$3,019		\$3.08
	Fee Per Visitor	Est. Visitors Per Room	Fee Per Room	SF Per Room	Fee per SF of Gross GBA
<b>Calculation</b>	<b>A</b>	<b>B</b>	<b>C=A*B</b>	<b>D</b>	<b>(C/D)*1.02</b>
Hotels, Motels	\$4,252	1.42	\$6,038	600	\$10.26
Short Term Rentals	\$4,252	2.83	\$12,033	1,200	<b>\$10.23</b>
					<b>Total Fee Per SF of Gross GBA</b>
<b>Hotels, Motels and short term rentals</b>					<b>\$13.31</b>

## **V. USE OF FEE REVENUE**

The County plans to use park impact fee revenue to acquire parkland and construct facilities to add to the system of park and recreation facilities. The park facilities that are contemplated at this time and included in the County's Capital Improvement Plan (CIP) time are listed in Appendix Table A-4.

**VI. IMPACT FEES IN NEIGHBORING CITIES, MAXIMUM SUPPORTED FEES, AND RECOMMENDED FEES**

**A. Park and Recreation Fees in Neighboring Jurisdictions**

KMA surveyed the impact fees levied by the cities within Santa Cruz County and nearby Monterey County. The park and recreation facility impact fees are summarized in Table 15.

**Table 15. Comparison of Fees**

<b>Per Unit Park Fees</b>	
City of Santa Cruz	Dedicate 2 acres per 1,000 residents for neighborhood parks and 2.5 acres per 1,000 residents for community parks. In-lieu fee is \$3.00 per square foot of each unit.
City of Capitola	No fee
City of Watsonville	\$1,500 per bedroom for 1 to 2-bedroom units; \$1,667 per bedroom for 3-bedroom unit; \$1,875 per bedroom for 4-bedroom unit; \$0.50 per square foot for commercial and industrial
Scotts Valley	R-MT-5 (mountain) - \$10,978/unit R-R-2.5 (rural) - \$10,978/ unit R-1-40(estate) - \$10,978/ unit R-1-20 (low density) - \$10,978/ unit R-1-10 (sf, detached) - \$10,978/ unit R-1-10 (sf, attached) - \$8,494/ unit R-M-6/R-M-8 (MF) - \$8,547/ unit R-H MF - \$5,487/ unit Mobile Homes and 2nd DU - \$5,706/ unit
County of Monterey	Dedicate 3 acres per 1,000 residents
Salinas	\$904 per bedroom or \$1,820 per mobile home space
Marina	Single family, per du - \$8,017 Senior homes, per du - \$5,345 Assisted Living, per du = \$2,969 Multifamily, per du - \$7,423 Mobile home park, per du - \$7,423 Campground /RV park - \$7,423

As shown, the maximum fee amounts are significantly higher than the fees charged in neighboring communities.

## B. Maximum and Recommended Impact Fees

We recommend that the adopted fees be set below the maximum in order to be more consistent with the fees of cities in the market area and to not overly burden the cost of new development, given that the County has other impact fees. Separate and reduced fee recommendations are offered for multi-family units in recognition that multi-family units typically cannot bear the same level of impact fees as single-family developments.

**Table 16. Maximum and Recommended Park Facility Development Impact Fees**

	<b>Maximum Supported Fees</b>	<b>Recommended Impact Fees</b>
Residential, Per SF of livable area	\$9.05	
Retail and Restaurant, per Gross GBA	\$11.15	
Office per Gross GBA	\$13.01	
R and D per Gross GBA	\$5.20	
Industrial per Gross GBA	\$5.20	
Hotel, Motel, and short-term rentals per Gross GBA	\$13.31	

## **VII. FEE PROGRAM IMPLEMENTATION AND ADMINISTRATION**

### **1. Fee Accounting**

The County should deposit parks and recreation facility development impact fee revenues into a separate restricted fee account to be used only for eligible parks and recreation facility improvements.

### **2. Annual Reporting**

The Mitigation Fee Act/AB 1600 (at Gov. C. §§ 66001(c), 66006(b)(1)) stipulates that each local agency that requires payment of a fee make specific information available to the public annually within 180 days of the last day of the fiscal year. This information includes the following:

- A description of the type of fee in the account
- The amount of the fee
- The beginning and ending balance of the fund
- The amount of fees collected and interest earned
- Identification of the improvements constructed
- The total cost of the improvements constructed
- The fees expended to construct the improvement
- The percentage of total costs funded by the fee
- The approximate date by which the construction of the public improvement will commence if the County determines that there is sufficient funds to complete an incomplete public improvement
- A description of each interfund transfer or loan made from the account

### **3. Five-Year Reporting**

Starting in the fifth fiscal year following the first deposit into the parks and recreation facility development fee account, and every five years thereafter, the Mitigation Fee Act requires the County to make the following findings with respect to funds that have not been spent:

- Identify the purpose to which the fee is to be used;
- Demonstrate a reasonable relationship between the fee and the purpose for which it is charged;
- Identify all sources and amounts of funding anticipated to complete target eligible improvements;
- Designate the approximate dates on which the additional funds sufficient for completing the target eligible improvements are expected to be deposited into the account.

If the required findings are not made, the County is required to refund the moneys in the account.

#### **4. Credits, Reimbursement, and Exemptions**

Under certain and limited circumstances, as determined by the County, the Impact Fee Resolution could allow developers subject to the fee to obtain credits, reimbursements, or exemptions. In cases of redevelopment, the demolition of space should provide a fee credit. In other words, the gross fee obligation should be calculated based on the scale of the proposed new development, with a fee credit to be applied for existing square footage to be removed (or retained) using the applicable fee for the existing square footage (land uses). Residential units that are being replaced due to a natural disaster are also exempt from the impact fees.

All other fee credits and/or reimbursements should not be allowed by right but rather should be subject to review by County staff and the Board of Supervisors to ensure that such credits or reimbursements are warranted and appropriate. Potential examples where fee credits and reimbursements might be considered include: (1) cases where a Development Agreement specifically envisions extraordinary, direct investments in parks and recreation facilities of equal to or greater value to the County than the parks and recreation facility development impact fees; and (2) exemptions where the County elects not to impose fees for certain categories of development.

#### **5. Securing Supplemental Funding**

The maximum, supportable development impact fees are set to cover the parks and recreation facilities investments that will maintain countywide capital facilities levels as new growth occurs. To the extent that the adopted fees are less than the maximums and/or the County's goals envision an overall increase in parks and recreation facility standards, supplemental funding will be required to fund new facilities. In addition, to the extent that exemptions are provided for particular types of development, supplemental funding will be required to make up for this lost funding.

#### **6. Inflation Adjustment**

The funding capacity of the fee will erode over time due to inflation. To mitigate this impact, the fee should be adjusted annually using a reputable source, such as the Engineering News Record. The selected inflation index should be identified in the fee ordinance.

#### **7. Periodic Review**

Because of the dynamic nature of growth and capital equipment requirements, the County should monitor inventory activity, the need for improvements, and the adequacy of the fee revenues and other available funding. To the extent particular issues are identified, adjustments to the fee program may be required. We recommend that the fee levels be reviewed every five years.

**APPENDIX A: Park Inventory, Land Sales, Park Facility Development Costs**

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<b>Figure 7-3 Park Acreage Needed at General Plan Buildout*</b>					
<b>Planning Area</b>	<b>Population at Buildout</b>	<b>Neighborhood</b>	<b>Community</b>	<b>Rural</b>	<b>Total Acres</b>
Aptos	20,500	62	41-62		103-124
Aptos Hills	6,550			33-39	33-39
Bonny Doon	4,200			21-25	21-25
Carbonera	11,150	12	8-12	36-43	56-67
Eureka Canyon	6,300			32-38	32-38
La Selva	4,150			21-25	21-25
Live Oak	29,850	90	60-90		150-180
North Coast	1,350			7-8	7-8
Pajaro Valley	21,300	51	34-51	22-27	107-129
Salsipuedes	2,700			14-16	14-16
San Andreas	3,100			16-19	16-19
San Lorenzo Valley	28,000			140-168	140-168
Skyline	4,200			21-25	21-25
Soquel	11,850	36	24-36		60-72
Summit	6,800			34-41	34-41
<b>Total</b>	<b>162,000</b>	<b>251</b>	<b>167-251</b>	<b>397-474</b>	<b>815-976</b>

\* The park acreage needed is intended to show the total net usable park acreage required at buildout to meet General Plan Park Standards of:  
 Neighborhood Park Land = 3 acres per 1,000 population  
 Community Park Land = 2 to 3 acres per 1,000 population  
 Local Rural Park Land = 5 to 6 acres per 1,000 population

**7.1.10 Design Criteria**

(LCP) Require all recreation and visitor-serving developments to be consistent with the Zoning ordinance.

**7.1.11 Private Local Parks**

Encourage continued use of private recreation facilities that have traditionally served local communities, such as:

- Arroyo Verde
- Boulder Creek Country Club
- Brookdale Club
- Evergreen Estates
- Drew Lake
- Forest Lakes
- La Selva Beach Improvement Assoc.
- Las Cumbres
- Los Barrancos
- Mission Springs
- Mt. Hermon
- Pajaro Dunes North
- Pajaro Dunes South
- Paradise Park
- Seascape Greens

**Table A-2 Park Inventory  
Santa Cruz County**

Park ID	Park Name	Owner	Primary APN	Acres	Acres with Facilities	Year Acquired	Primary Classification	Alternate Classification	BOS	Planning Area	Acquisition Fund	TYPE	Existing Improvements
<b>PARKS</b>													
P19	Aptos Village Park	County Parks	039-471-11	11.8	3.2	1970	Community		2	APTOS	Purchased \$80,750 General Fund	Park	1 Community Meeting Room with Kitchen & Restrooms 1 Group Picnic Area Play Area 34 Parking Spaces 3 Family Picnic Tables 1 Wedding Gazebo Turf & Landscaping
P12	Brommer	County Parks	029-201-15	7.7	5.3	1980	Neighborhood		1	LIVE OAK	Purchased \$300,000 General Fund	Park	1 Ball Diamond 2 Basketball Courts 1 Play Area 1 Group Picnic Area 39 Parking Spaces 1 Restroom Building 4 Family Picnic Tables 1 Tennis Court Turf & Landscaping
P42	Chanticleer	County Parks	029-071-38	4.5	4.5	1998	Neighborhood		1	LIVE OAK	In 1998: \$901,707 RDA; In 2004: \$1,787,074 RDA	Park	1 Interim dog park 1 interim bike pump track 1 interim community garden
P18	Coffee Lane	County Parks	031-031-54	2.2	1.1	1997	Neighborhood		1	LIVE OAK	Purchased \$77,000 State Park Bond	Park	1 Basketball Court 9 Parking Spaces 5 Picnic Tables 1 Play Area Turf & Landscaping
P44	Felt Street	County Parks	028-041-70	1.8	1.8	1985	Neighborhood		1	LIVE OAK	Purchased \$135,263 Park Dedication, \$165,000 General Fund	Park	Parking 1 Skate Park 1 Play area Turf and Picnic Bocci Ball 1 Community Garden
P05	Floral	County Parks	032-301-02	0.9	0.9	1988	Neighborhood		1	LIVE OAK	Dedicated	Park	3 Picnic Tables 1 Play Area 1 Sand Volleyball Court Turf & Landscaping
P47	Heart of Soquel	County Parks	030-153-24	1.8	1.3		Neighborhood		1	SOQUEL	Purchased (RDA??)	Park	Parking Plaza Trails Bocce

**Table A-2 Park Inventory  
Santa Cruz County**

Park ID	Park Name	Owner	Primary APN	Acres	Acres with Facilities	Year Acquired	Primary Classification	Alternate Classification	BOS	Planning Area	Acquisition Fund	TYPE	Existing Improvements
P15	Hestwood	County Parks	026-201-04	0.6	0.6	1987	Neighborhood		1	LIVE OAK	Gift	Park	1 Restroom Building 1 Play Area 4 Picnic tables 1 Group Picnic Area 1 Sand Play Area Turf & Landscape
P03	Hidden Beach	County Sanitation	043-131-39	5.8	1.2	1990	Neighborhood		2	APTOS	Leased from DPW	Park	8 Parking Spaces 2 Picnic Tables 1 Play Area Turf & Landscaping Porta Potty
P17	Jose Avenue	County Parks	043-131-39	5.8	3.5	1993	Neighborhood		1	LIVE OAK	Purchased \$1,074,530 RDA	Park	1 Restroom Building 1 Skate Park 1 Gazebo 1 Sand 1 Sand Volleyball 2 2 Basketball Court 23 Parking Spaces 5 Picnic Tables 1 Horseshoe Court 2 Play Structures
P07	Mesa Village	County Parks	051-532-25	2.1	2.1	1971	Neighborhood		4	PAJARO VALLEY	Dedicated	Park	1 Basketball Court 1 Play Area 4 Picnic Tables 1 Restroom Building Turf & Landscaping
P41	Pleasure Point	County Parks	032-251-19	0.2	0.1		Neighborhood		1	LIVE OAK		Park	Restrooms Picnic
P24	Richard Vessey	County Parks	037-311-41	0.5	0.5	1978	Neighborhood		1	SOQUEL	Dedicated	Park	1 Group Picnic Area 4 Picnic Tables 1 Play Area Turf & Landscaping Porta Potty
P28	Santa Cruz Gardens	County Parks	102-362-10	1.8	1.8	1968	Neighborhood		1	LIVE OAK	Dedicated	Park	2 Picnic Tables 1 Play Area Turf & landscaping
P40	Seacliff Village	County Parks	038-081-40	1.3	1.3		Neighborhood		2	APTOS	Purchased \$500,870 combo of State Park Bonds	Park	1 Playground Picnic Porta potty
P49	Seascape	County Parks	054-551-02	8.5	8.5	1993	Neighborhood		2	APTOS	Dedicated	Park	3 Picnic Tables 1 Play Area 1 Restroom Building 20 Parking Spaces Turf & Landscaping

**Table A-2 Park Inventory  
Santa Cruz County**

Park ID	Park Name	Owner	Primary APN	Acres	Acres with Facilities	Year Acquired	Primary Classification	Alternate Classification	BOS	Planning Area	Acquisition Fund	TYPE	Existing Improvements
P21	Soquel Lions	County Parks	030-231-55	0.4	0.2	1966	Neighborhood		1	SOQUEL	Purchased \$9,170 Road Fund	Park	4 Picnic tables 1 Play Area Porta Potty
P45	The Farm	County Parks	037-101-58	5.5	3.4		Neighborhood	Community	1	SOQUEL		Park	1 Community garden parking
P04	The Hook	County Parks	032-181-04	0.7	0.7		Neighborhood		1	LIVE OAK		Park	Restroom Parking
P09	Twin Lakes	County Parks	027-051-29	1.4	1.0	1990	Neighborhood		1	LIVE OAK	Purchased \$1M RDA	Park	1 Basketball Court 3 Picnic tables 1 Play Area 1 Restroom Building 1 Tennis Court Turf & Landscaping
P23	Willowbrook	County Parks	037-381-34	2.5	1.6	1987	Neighborhood		2	SOQUEL	Purchased \$103,122 Trust, \$272,069 PDF	Park	Basketball Court 6 Picnic Tables 1 Play Area 1 Restroom Building 1 Tennis Court Turf & Landscaping
P25	Winkle Farm	County Parks	025-351-19	6.4	5.2	1983	Neighborhood		1	LIVE OAK	In 1987: Purchased \$260K; In 1983 and 84: Purchased \$603K	Park	4 Picnic Tables 1 Play Area Turf & Landscaping Porta Potty
P79	Felton Deck	Caltrans	N/A	0.0	0.0		Park Facility		5	SAN LORENZO VALLEY		Park	
P27	Valencia Hall	County Parks	105-211-14	1.6	1.6	1977	Park Facility		2	APTOS HILLS	Purchased \$8,500 General Fund, \$100K PDF	Park	
P69	Veterans Memorial Building	County	005-052-35	0.2	0.2		Park Facility		3	CITY OF SANTA CRUZ	Purchased General Fund	Park	
P26	Anna Jean Cummings	County Parks	030-341-09	96.0	21.0	1989	Regional	Community	1	SOQUEL	Purchased \$9 million RDA	Park	2 Restroom Buildings 1 Play Area 2 Soccer Fields 2 Baseball Fields 1 Concession Turf & Landscape Parking Spaces 2 Gazebos Picnic Area
P08	Freedom Lake	County Parks	049-071-39	34.6	8.2	1976	Regional		2	APTOS HILLS	Tax Sale Gift	Park	Lake
P43	Graham Hill Showgrounds	County Parks	061-431-02	19.3	4.6		Regional		5	CARBONERA		Park	Equestrian Facilities
P35	Greyhound Rock Beach	State Parks	057-131-11	68.6	16.3		Regional		3	NORTH COAST	N/A - owned by State Parks	Park	Parking Picnic Restroom

**Table A-2 Park Inventory  
Santa Cruz County**

Park ID	Park Name	Owner	Primary APN	Acres	Acres with Facilities	Year Acquired	Primary Classification	Alternate Classification	BOS	Planning Area	Acquisition Fund	TYPE	Existing Improvements
P02	Moran Lake	County Parks	028-451-01	10.0	1.7	1975	Regional	Neighborhood	1	LIVE OAK	Purchased \$100,000 General Fund	Park	40 Parking Spaces 1 Restroom Building Landscaping
P06	Pinto Lake	County Parks	050-141-11	183.9	25.1	1974	Regional	Community	2	PAJARO VALLEY	Purchased \$575, General Fund	Park	1 Fishing Pier 2 Soccer Fields 2 Group Picnic Areas 3 Restroom Buildings 189 Parking Spaces Turf & Landscaping 1 Play Structure
P20	Polo Grounds	County Parks	041-201-04	61.4	24.2	1987	Regional	Community	2	APTOS	Purchased \$2.7M Park Dedication and CSA11	Park	3 Baseball Bike Jump Park 3 Soccer Fields Parking Dog Park Open Space Turf & Landscaping Porta Potty
P37	Quail Hollow Ranch	County Parks	074-181-10	227.0	10.1	1987	Regional	Rural	5	SAN LORENZO VALLEY	Purchased \$700K Park Dedication and CSA11; \$250K State	Park	Ranch House Stables Pond Gravel Parking Riding Ring Open Space Nature Preserve Restrooms
P11	Simpkins Swim Center	County Parks	027-241-04	10.2	10.2		Regional		1	LIVE OAK	Purchased \$308,000 General Fund	Park	Community Room with Kitchen & Restrooms 50 Meter Swimming Pool Instructional Pool Wading Pool Water Slide Support Facilities for the Pools Parks Offices Parking
P22	Aldridge Lane	County Parks	108-071-26	3.0	3.0	1990	Rural		2	EUREKA CANYON	Purchased \$250,000 CSA 11	Park	2 1/2 Basketball Courts 1 Fitness Equipment 1 Picnic Area 1 Play Area 1 Riding Ring 1 Tennis Court Gravel Parking Area Turf & Landscaping Porta Potty

**Table A-2 Park Inventory  
Santa Cruz County**

Park ID	Park Name	Owner	Primary APN	Acres	Acres with Facilities	Year Acquired	Primary Classification	Alternate Classification	BOS	Planning Area	Acquisition Fund	TYPE	Existing Improvements
P36	Ben Lomond Park	County Parks	077-141-13	1.7	1.0	1976	Rural		5	SAN LORENZO VALLEY	Dissolved Rec. District	Park	1 Basketball Court 1 Child Care Center Room with Kitchen & Restrooms 1 Library Building 1 Play Area 1 Swimming Beach and Dam
P31	Felton Covered Bridge	County Parks	065-091-04	5.6	3.0	1989	Rural		5	SAN LORENZO VALLEY	Purchased \$280,000 State Park Bond, \$50,000 CSA 11	Park	33 Parking Spaces 1 Play Area 1 Picnic Area 1 Sand Volleyball Court Turf & Landscaping Porta Potty
P33	Highlands	County Parks	072-061-16	25.6	15.6		Rural		5	SAN LORENZO VALLEY	Purchased \$346,000 General Fund	Park	1 Community Building w/kitchen & Restrooms 2 Ball Diamonds overlap with Soccer Field(s) 1 Community Building w/kitchen and Restrooms 2 Group Picnic Areas 155 Parking Spaces 1 Play Area 8 Picnic tables 1 Restroom Building 2 Swimming Pool 3 Tennis Courts 1 Child Care Center 1 COE High School 1 Skate Park
P30	Michael Gray Field	County Probation	061-371-16	27.9	3.8		Rural	County Facility	5	SAN LORENZO VALLEY		Park	1 Ball Diamond 1 Group Picnic Area Restroom
P10	Scott Park	County Parks	049-071-45	4.2	4.2	1971	Rural		2	APTOS HILLS		Park	Picnic Tables 1 Play Area 1 Restroom Building Gravel Parking
Total				854.8	203.4								
Rural				295.0	40.7								
Community				354.9	75.3								
Neighborhood				72.2	48.0								
Regional				132.7	39.3								
Total				854.8	203.4								

Table A-3 - Land Sales (2015 through 2020)								
Santa Cruz County								
Property Address	City	Zip code	Location - (City or Uninc.)	Sale Date	Land Area AC	Sale Price	Price Per SF Land	Zoning
1575 38th Ave	Santa Cruz	95062	City of Capitola	7/27/2015	0.7	\$1,150,000	\$37.61	PD
2617 17th Ave	Santa Cruz	95065-1807	City of Santa Cruz	7/31/2019	0.16	\$360,000	\$51.65	
100 Laurel St	Santa Cruz	95060	City of Santa Cruz	5/23/2016	0.21	\$1,176,000	\$128.55	
217 Potrero St	Santa Cruz	95060-2717	City of Santa Cruz	10/9/2019	0.21	\$600,000	\$65.59	
108 Eastgate Ave	Santa Cruz	95060	City of Santa Cruz	11/17/2017	0.22	\$445,950	\$46.32	
170 Belvedere Ter	Santa Cruz	95062	City of Santa Cruz	5/5/2015	0.27	\$1,190,000	\$101.55	Commercial
3555 Mission Dr	Santa Cruz	95065-1630	City of Santa Cruz	5/15/2020	0.27	\$422,000	\$35.88	
920 Ocean St	Santa Cruz	95060	City of Santa Cruz	11/7/2018	0.3	\$1,895,000	\$145.01	
318 Water St	Santa Cruz	95060	City of Santa Cruz	8/9/2016	0.34	\$1,150,000	\$76.66	CC
1547-1549 Pacific Ave	Santa Cruz	95060	City of Santa Cruz	10/9/2015	0.56	\$6,250,000	\$257.59	CBD/HDO
429 Pacific Ave	Santa Cruz	95060	City of Santa Cruz	4/12/2016	0.82	\$1,343,000	\$68.50	CBD-E
525 Ocean St	Santa Cruz	95060	City of Santa Cruz	8/12/2016	0.85	\$1,970,000	\$53.21	
135 Dubois St	Santa Cruz	95060	City of Santa Cruz	10/31/2017	1.85	\$1,830,000	\$22.71	I-G
175 W Cliff Dr	Santa Cruz	95060	City of Santa Cruz	12/20/2017	2.21	\$460,909	\$4.79	
419 May Ave, 908 Ocean, 457 May, 449 May, 435 May (Part of Multi-Property Sale)	Santa Cruz	95060	City of Santa Cruz	10/6/2017	3.21	\$6,800,000	\$48.63	
600 Encinal St	Santa Cruz	95060	City of Santa Cruz	2/26/2016	13.23	\$1,554,300	\$2.70	
2 Locke Way	Scotts Valley	95066-3975	City of Scotts Valley	7/15/2020	0.74	\$685,000	\$21.25	R-1-10
4627 Scotts Valley Dr	Scotts Valley	95066	City of Scotts Valley	6/12/2015	0.92	\$565,000	\$14.10	
364 Collado Dr	Scotts Valley	95066	City of Scotts Valley	2/23/2017	1.09	\$1,225,000	\$25.73	R-1-10
4990 Scotts Valley Dr	Scotts Valley	95066	City of Scotts Valley	7/31/2018	1.4	\$950,000	\$15.59	CS
27 Mt Hermon Rd	Santa Cruz	95066	City of Scotts Valley	9/1/2017	2.03	\$1,400,000	\$15.83	
Scotts Valley Dr	Scotts Valley	95066	City of Scotts Valley	8/25/2017	2.62	\$2,250,000	\$19.71	
La Madrona Ave @ Silverwood Dr	Scotts Valley	95066	City of Scotts Valley	8/4/2015	17.67	\$2,704,000	\$3.51	C-S,OS
1280 Conference Center Dr	Scotts Valley	95066	City of Scotts Valley	1/16/2020	321.83	\$1,475,000	\$0.11	SU
531 Main St (Part of Multi-Property Sale)	Watsonville	95076	City of Watsonville	7/27/2018	0.51	\$159,386	\$7.25	
29 Aspen Way (Part of Multi-Property Sale)	Watsonville	95076	City of Watsonville	4/5/2016	0.74	\$653,659	\$20.17	
1630 W Beach St	Watsonville	95076	City of Watsonville	6/22/2018	0.88	\$475,000	\$12.39	CV
31 Harkins Slough Rd (Part of Multi-Property Sale)	Watsonville	95076	City of Watsonville	5/24/2017	0.91	\$1,266,922	\$31.96	
Hangar Way	Watsonville	95076	City of Watsonville	6/29/2016	1.15	\$775,000	\$15.47	
Hangar Way and 5 Nielson	Watsonville	95076	City of Watsonville	2/4/2020	1.15	\$1,260,000	\$25.15	LI
1482 Freedom Blvd	Watsonville	95076	City of Watsonville	5/14/2020	1.77	\$2,160,000	\$28.02	CT
113 Jennings Dr	Watsonville	95076	City of Watsonville	9/4/2019	6.17	\$2,045,000	\$7.61	IP
511 Ohlone Pky (Part of Multi-Property Sale)	Watsonville	95076	City of Watsonville	5/24/2017	10.7	\$3,133,078	\$6.72	
Volver Ave	Felton	95018	Unincorporated County	5/19/2019	0.10	\$4,495	\$1.03	Residential
4007 Cordelia Ln	Soquel	95073	Unincorporated County	7/22/2019	0.24	\$665,000	\$63.61	C-2
6325 Highway 9	Felton	95018	Unincorporated County	2/3/2016	0.27	\$900,000	\$77.97	C-4
270 North Ave	Aptos	95003	Unincorporated County	2/25/2019	0.32	\$245,000	\$17.58	VA; Aptos
2851 41st Ave (Part of Multi-Property Sale)	Soquel	95073	Unincorporated County	7/5/2017	0.37	\$1,932,000	\$119.87	C-2
720 Capitola Rd	Santa Cruz	95062	Unincorporated County	8/26/2016	0.41	\$750,000	\$42.10	C-1
3912 Soquel Dr (Part of Multi-Property Sale)	Soquel	95073	Unincorporated County	7/5/2017	0.43	\$828,000	\$44.21	C-2
705 Capitola Rd	Santa Cruz	95062	Unincorporated County	4/1/2016	0.47	\$900,000	\$44.15	CT

**Table A-3 - Land Sales (2015 through 2020)  
Santa Cruz County**

Property Address	City	Zip code	Location - (City or Uninc.)	Sale Date	Land Area AC	Sale Price	Price Per SF Land	Zoning
665 Henry Cowell Dr	Santa Cruz	95060	Unincorporated County	12/31/2018	0.51	\$600,000	\$27.01	Single Family
3173 N Polo Dr	Aptos	95003-4131	Unincorporated County	7/2/2019	0.56	\$1,150,000	\$47.14	R-1-6
2831 Daubenbiss Ave	Soquel	95073	Unincorporated County	12/9/2019	0.57	\$1,250,000	\$50.34	C-2-GH
2606 Paul Minnie Ave	Santa Cruz	95062	Unincorporated County	7/27/2016	0.63	\$800,000	\$29.35	PA
1615 17th Ave	Santa Cruz	95062	Unincorporated County	3/20/2018	0.71	\$1,270,000	\$41.05	C-1
9041 Soquel Dr	Aptos	95003	Unincorporated County	11/7/2018	0.74	\$410,000	\$12.72	PA
3820 Soquel Dr (Part of Multi-Property Sale)	Soquel	95073	Unincorporated County	2/28/2017	0.82	\$3,537,936	\$99.17	C-2
1260 7th Ave	Santa Cruz	95062-2717	Unincorporated County	12/13/2019	0.95	\$1,580,000	\$38.18	RM-4
210 Shady Ln	Aptos	95003	Unincorporated County	11/10/2015	1.09	\$2,250,100	\$47.39	C-1
1010 Rodriguez St	Santa Cruz	95062	Unincorporated County	11/25/2015	1.6	\$1,600,000	\$22.96	R-1-6
Soquel Dr	Soquel	95073	Unincorporated County	6/24/2016	1.82	\$1,200,000	\$15.16	R-1-6
725 Travers Ln	Watsonville	95076-8633	Unincorporated County	3/11/2020	2.95	\$200,000	\$1.56	Res/Ag
25100 Highland Way	Los Gatos	95033	Unincorporated County	5/1/2017	3.37	\$325,000	\$2.21	
5930 Highway 9	Felton	95018	Unincorporated County	12/29/2015	4	\$186,509	\$1.07	C-4
9	Watsonville	95076	Unincorporated County	1/24/2020	4.51	\$440,000	\$2.24	
223 W Bel Mar Dr	Watsonville	95076	Unincorporated County	4/26/2019	13.50	\$725,000	\$1.23	R-1
126 Hughes Rd	Watsonville	95076-9403	Unincorporated County	9/17/2020	20.00	\$5,000,000	\$5.74	Ag
617 Buena Vista Rd	Watsonville	95076	Unincorporated County	4/23/2015	39.6	\$850,000	\$0.49	R-1-6
420 Brisa Del Mar	Santa Cruz	95060	Unincorporated County	12/2/2015	47	\$1,999,000	\$0.98	AG
2484 Beach Rd	Watsonville	95076-9504	Unincorporated County	10/8/2019	62.40	\$3,100,000	\$1.14	CA
631 Quail Road	Aptos	95003	Unincorporated County	4/4/2016	63.75	\$3,000,000	\$0.98	
465 Amesti Rd	Watsonville	95076	Unincorporated County	8/13/2018	80	\$4,600,000	\$1.32	CA
227 Valley View Rd	Watsonville	95076-9730	Unincorporated County	1/21/2020	145.68	\$851,000	\$0.13	
<b>County-wide Sales, 2015-2020</b>								
<b>Simple average of sales records</b>				<b>68</b>			<b>\$35.59</b>	
<b>Average, weighted by size of acreage</b>					<b>897.06</b>	<b>\$94,928,244</b>	<b>\$2.43</b>	
<b>Sales of sites with fewer than 26 acres</b>								
<b>Simple average of sales records</b>				<b>61</b>			<b>\$39.87</b>	
<b>Average, weighted by size of acreage</b>					<b>136.80</b>	<b>\$79,053,244</b>	<b>\$13.27</b>	
<b>Unincorporated</b>	<b>All sales</b>		Average	31			\$27.74	
			Weighted by acreage		499.37	\$43,149,040	\$1.98	
			Avg. size		16.11			
<b>Unincorp. Sales less than 26 acres</b>			Average	25			\$34.20	
			Weighted by acreage		60.94	\$28,749,040	\$10.83	
			Avg. size		2.44			



**Table A-4**  
**Park Facility Development Costs**  
**Park Impact Fee Analysis**  
**Santa Cruz County**

<b>Park Site</b>	<b><u>Simpkins</u></b>	<b><u>Anna Jean</u></b>	<b><u>Felt Street</u></b>	<b><u>Seacliff Village</u></b>	<b><u>Chanticleer*</u></b>	
Gross Acres	<b>10.2</b>	<b>96</b>	<b>1.8</b>	<b>1.3</b>	<b>4.5</b>	
Usable Acres	<b>10.2</b>	<b>21</b>	<b>1.8</b>	<b>1.3</b>	<b>4.5</b>	
Year Acquired		1989	1985		1996/2004	
<b>Acquisition Cost</b>	\$ 308,000	\$ 4,060,000	\$ 300,263	\$ 500,870	\$ 2,688,782	
<b>Development Cost</b>						
Planning/Permits	\$ 15,018	\$ 141,115	\$ 69,972	\$ 14,975	\$ 73,791	
Predevelopment		\$ 333,048			\$ 816,812	
Design	\$ 2,157,690	\$ 361,394	\$ 146,099	\$ 258,481	\$ 428,564	
Construction	\$ 11,047,719	\$ 4,396,824	\$ 238,050	\$ 843,536	\$ 4,597,409	
Public Art	\$ 62,600	\$ 50,000	\$ 26,250	\$ 13,100	\$ 86,000	
<b>Total</b>	<b>\$ 13,591,027</b>	<b>\$ 9,342,381</b>	<b>\$ 780,634</b>	<b>\$ 1,630,962</b>	<b>\$ 8,691,358</b>	
Completion Year	2010	2010	2011	2016	TBD	
ENR Index in Completion Year	1.18	1.18	1.16	1.04	1	
Adjusted Cost	\$16,039,709.33	\$ 11,025,588.85	\$ 908,194.75	\$ 1,689,812.33	\$ 8,691,358	
Total Price Per Acre	\$1,572,521	\$114,850	\$504,553	\$1,299,856	\$1,931,413	
Total Price Per Usable Acre	\$1,572,521	\$525,028	\$504,553	\$1,299,856	\$1,931,413	
Improvement Costs	\$15,676,217	\$6,234,103	\$558,867	\$1,170,869	\$6,002,576	\$29,642,632
Improvement Costs Per Acre	\$1,536,884	\$64,939	\$310,482	\$900,669	\$1,333,906	\$260,480
						<b>Average</b>
<b>Improvement Costs Per Usable Acre</b>	\$1,536,884	\$296,862	\$310,482	\$900,669	\$1,333,906	<b>\$764,000</b>
<b>Including Lifecycle sinking fund</b>						<b>\$879,000</b>

**APPENDIX B: Park User Survey**

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## **APPENDIX B: Park User Survey**

The worker demand weightings for park facilities were developed using park user intercept surveys carried out by County Parks staff in October 2018. The following appendix describes the methods used to arrive at the worker demand weighting factors.

### **Park Survey**

The parks Intercept survey was administered to all willing park-goers at seven park locations throughout the County Parks system in 2018 on Wednesday, October 3<sup>rd</sup>, and Saturday, October 6<sup>th</sup>. The parks surveyed and the results are listed in Tables 1 and 2. Park users were asked if they live in the County, work in the County or were staying in visitor accommodation in the County.

If a park user responded that they both worked and lived in the County, their response was counted as 0.5 in each category. If a park user responded saying that they both worked and are staying in visitor accommodation in the County, their response was counted as 0.5 in each category.

Results of the weekday survey were multiplied by five to represent the five weekdays, and the results from the weekend survey were multiplied by 2 to represent the two weekend days (Table 3).

Park visits per resident, employee and visitor were calculated using Countywide estimates (Table 3). The total worker responses from the survey were divided by the current estimate of employees working within Santa Cruz County<sup>1</sup> to derive park visits per worker. Park visits per resident were estimated by dividing the resident responses by the current estimate of residents in the County<sup>2</sup>. Park visits per visitor staying in visitor accommodation were estimated by dividing the responses by the estimate of the total number of visitors staying in visitor accommodation per night.<sup>3</sup>

Weighting factors for worker park visits and visitor park visits were derived in the following ways. To get a weighting factor for worker park use relative to resident park use, the park visits per worker ratio was divided by the park visits per resident ratio (Table 4). To get a weighting factor for visitor park use relative to resident park use, the park visits per visitor ratio was divided by the park visits per resident ratio (Table 5).

Based on survey results and the calculations described above, it is estimated that workers use the parks 1.1 times that of a resident, and visitors staying in visitor accommodation use the parks 3.8 times that of a resident. To be conservative, a worker weighting factor of .75, and a visitor weighting factor of 2 are used in this study.

### **Note Regarding Proximity**

The intercept survey included a question about which specific neighborhood and on what street park users live, work or stay, to provide more detailed geographic information than merely whether the location was in the County or outside the County. These results were tabulated by existing Park Dedication Areas to determine if park users live, work, or were staying in the same Park Dedication Area as the park. Using the same weighting methods described above, the results are shown in Table 6. Most park users (69%) do not live, work or stay in the same Park Dedication Area as the park they

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<sup>1</sup> According to the "2018 Regional Growth Forecast Technical Documentation" from Association of Monterey Bay Area Governments, June 2018, the most recent model year was 2015, when there were an estimated 116,050 jobs in the County.

<sup>2</sup> According to the "2018 Regional Growth Forecast Technical Documentation" from Association of Monterey Bay Area Governments, June 2018, the most recent model year was 2015, when there were an estimated 273,594 residents in the County.

<sup>3</sup> According to personal communication with Denise Harris, Visit Santa Cruz County, on November 20<sup>th</sup>, 2018. There are 4,150 lodging rooms (hotel/motel/B&B) and 530 vacation rentals in the County, and in 2017 the average occupancy rate was 70.8%. To estimate the number of visitors on any given day staying in visitor accommodation, we conservatively estimated 2 people per lodging room and 4 people per vacation rental, times an occupancy rate of 70.8%.

are visiting. Most County Park users (87%) do live, work or stay somewhere in Santa Cruz County. For this reason, it is assumed that the County Parks system works as an integrated network for people within the County, and that people are not likely to only visit the parks that are in the same Park Dedication Area that they are working, living or staying in. Based on this assumption, the weighting factors for workers and visitors are more appropriately based on the number of park users living, working and staying anywhere within the County rather than within the same Park Dedication Area as the park.

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**TABLE 1: SURVEY RESULTS: WEDNESDAY OCTOBER 3**

Park	Resident	Worker	Visitor	Other	Valid Surveys
Brommer	13.5	5.5	0	0	19
East Cliff Parkway	43.5	18.5	9	11	82
Felton Covered Bridge	29	12	3	2	46
Greyhound Rock	4	1	1	16	22
Pinto Lake	31	15	0	7	53
Seascape	6.5	1.5	1	0	9
Simpkins Family Swim Center	29.5	10.5	0	2	42
<i>Total</i>	<i>157</i>	<i>64</i>	<i>14</i>	<i>38</i>	<i>273</i>
<i>Adjustment Factor</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	
<i>Weighted Weekday Visits</i>	<i>785</i>	<i>320</i>	<i>70</i>	<i>190</i>	

**TABLE 2: SURVEY RESULTS: SATURDAY OCTOBER 6**

Park	Resident	Worker	Visitor	Other	Valid Surveys
Brommer	21	8	0	1	30
East Cliff Parkway	21	12	3	3	39
Felton Covered Bridge	43.5	18	7.5	15	84
Greyhound Rock	8	5	5	32	50
Pinto Lake	130	81	0	4	215
Seascape	33	15	17	5	70
Simpkins Family Swim Center	29.5	20.5	2	4	56
<i>Total</i>	<i>286</i>	<i>159.5</i>	<i>34.5</i>	<i>64</i>	<i>544</i>
<i>Adjustment Factor</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	
<i>Weighted Weekend Visits</i>	<i>572</i>	<i>319</i>	<i>69</i>	<i>128</i>	

**TABLE 3: COMBINED AND WEIGHTED SURVEY RESULTS**

Park	Resident	Worker	Visitor	Other
<i>Weekend and Weekday Weighted Visits</i>	<i>1357</i>	<i>639</i>	<i>139</i>	<i>318</i>
<i>Service Population</i>	<i>273,594</i>	<i>116,050</i>	<i>7,377</i>	
<i>1000 visits per worker, resident or visitor</i>	<i>5.0</i>	<i>5.5</i>	<i>19.1</i>	

**TABLE 4: WORKER WEIGHTING FACTOR**

	<i>1,000 visits per capita</i>
<i>Workers</i>	<i>5.5</i>
<i>Residents</i>	<i>5.0</i>
<i>Worker Weighting Factor</i>	<i>1.1</i>

**TABLE 5: VISITOR WEIGHTING FACTOR**

	<i>1,000 visits per capita</i>
<i>Visitors</i>	<i>18.8</i>
<i>Residents</i>	<i>5.0</i>
<i>Visitor Weighting Factor</i>	<i>3.8</i>

**TABLE 6: WEIGHTED TOTALS**

	Number	Percent
Live in Same District as Park	545	23%
Work in Same District as Park	126	5%
Visitor Staying in Same District as Park	66	3%
Don't live, work or stay in same district as Park	1620	69%
<i>Total weighted surveys</i>	<i>2357</i>	

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**APPENDIX C: Final 2017/18 Capital Improvement Program**

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**COUNTY OF SANTA CRUZ CAPITAL IMPROVEMENT PROGRAM  
PARKS UNPROGRAMMED PROJECTS**

UNPROGRAMMED PARKS PROJECTS: PARKS FUTURE NEEDS LIST					Approx ACRES
AREA	PARK	DESCRIPTION	CATEGORY	ESTIMATED COST*	
Aptos	Aptos Beaches	Aptos Area Beaches - Regional Park Development	Improvements	\$ 536,336	
Aptos	Aptos Creek Park	Aptos Creek Park - Neighborhood Park Planning And Development	New Park Development	\$ 514,500	
Aptos	Aptos Jr High School Park	Aptos Junior High School Park - Neighborhood Park Development	New Park Development	\$ 75,087	
Aptos	Aptos Village Park	Turf Renovation	Deferred Maintenance	\$ 61,740	
Aptos	Aptos Village Park	Park Improvements	Improvements	\$ 313,260	
Aptos	Aptos Village Park	Additional Parking	Improvements	\$ 82,320	
Aptos	Aptos Village Park	Other Recreational Feature	Improvements	\$ 82,320	
Aptos	Aptos Village Park	Install New Stairs Playground To Turf	Improvements	\$ 18,522	
Aptos	Jennifer/Haas Park	Jennifer/Haas Park - Land Acquisition	Acquisition	\$ 2,145,342	6
Aptos	Jennifer/Haas Park	Jennifer/Haas Park - Park Development	New Park Development	\$ 750,870	
Aptos	Mar Vista School Park	Mar Vista School Park - Park Development	New Park Development	\$ 160,901	
Aptos	Polo Ground Park	Complete Parking Lot	Improvements	\$ 51,450	
Aptos	Polo Ground Park	Polo Grounds - Neighborhood Park Development	Future Phase Park Development	\$ 536,336	
Aptos	Polo Ground Park	Polo Grounds - Community Park Development	Future Phase Park Development	\$ 6,865,093	
Aptos	Porter Sesnon Park	Porter Sesnon Park - Land Acquisition	Acquisition	\$ 1,850,358	15
Aptos	Porter Sesnon Park	Porter Sesnon Park - Land Acquisition	Acquisition	\$ 3,700,715	
Aptos	Porter Sesnon Park	Porter Sesnon Park - Park Development	New Park Development	\$ 643,603	
Aptos	Porter Sesnon Park	Porter Sesnon Park - Park Development	New Park Development	\$ 1,072,671	
Aptos	Seacliff Village Park	Phase 2 Development	Future Phase Park Development	\$ 750,870	
Aptos	Shore Trail	Shore Trail - (Phase II) Development	Future Phase Park Development	\$ 37,544	
Aptos Hills	Aptos High School Park	Aptos High School Park - Community Park Development	New Park Development	\$ 73,471	
Aptos Hills	Bert Scott Estate	Bert Scott Park - Neighborhood Park Development	New Park Development	\$ 419,832	
Aptos Hills	Castro Adobe	Castro Adobe	Improvements	\$ 524,790	
Aptos Hills	Freedom Blvd Park	Freedom Blvd Park - Land Acquisition	Acquisition	\$ 2,099,160	6
Aptos Hills	Freedom Blvd Park	Freedom Blvd Park - Park Development	New Park Development	\$ 734,706	
Aptos Hills	Freedom Lake	Freedom Lake - Park Development	New Park Development	\$ 524,790	
City of Santa Cruz	Emeline Campus- Lot Next To Bldg K	Clean Up & Repurpose	Improvements	\$ 61,740	
City of Santa Cruz	Government Center	Repurpose South Lawn	Improvements	\$ 308,700	
City of Santa Cruz	Government Center & Emeline	Replace Irrigation & Improve Landscape	Improvements	\$ 205,800	
City of Wasonville	Freedom Campus	Tree Work - Remove Stone Pine Trees (Prior To Parking Lot Work)	Deferred Maintenance	\$ 36,015	
City of Wasonville	Freedom Campus	Parking Lot: Lighting, Ada, Drainage, Paving	Improvements	\$ 308,700	
Eureka Canyon	Aldridge Lane Park	Complete Phase 2	Future Phase Development	\$ 514,500	
Eureka Canyon	Bert Scott Estate	Bert Scott Estate - Community Park Development	New Park Development	\$ 419,832	
La Selva	Place De Mer Park	Place De Mer Park - Park Development	New Park Development	\$ 419,832	



**COUNTY OF SANTA CRUZ CAPITAL IMPROVEMENT PROGRAM  
PARKS UNPROGRAMMED PROJECTS**

UNPROGRAMMED PARKS PROJECTS: PARKS FUTURE NEEDS LIST					
AREA	PARK	DESCRIPTION	CATEGORY	ESTIMATED COST*	Approx ACRES
Live Oak	7th/Brommer Park	7th Avenue And Brommer Street Park - Park Development	New Park Development	\$ 1,259,496	
Live Oak	Brommer Park	Restroom & Irrigation Improvements	Improvements	\$ 51,450	
Live Oak	Brommer Park	Field Improvements	Improvements	\$ 485,894	
Live Oak	Cabrillo Avenue Park	Cabrillo Avenue Park - Land Acquisition	Acquisition	\$ 1,049,580	4
Live Oak	Cabrillo Avenue Park	Cabrillo Avenue Park - Park Development	New Park Development	\$ 524,790	
Live Oak	Chaminade Uplands	Chaminade Uplands - Land Acquisition	Acquisition	\$ 6,297,480	74.5
Live Oak	Chaminade Uplands	Chaminade Uplands - Park Development	New Park Development	\$ 1,679,328	
Live Oak	Chanticleer Park Phase 2	Turf Areas, Walking Paths, Tennis Court, Bocce, Picnic Areas, Skate Feature, Re-Do Bike Pump Track	Future Phase Development	\$ 1,543,500	
Live Oak	Coastview Drive Park	Coastview Drive Park - Land Acquisition	Acquisition	\$ 356,858	1.3
Live Oak	Coastview Drive Park	Coastview Drive Park - Park Development	New Park Development	\$ 136,446	
Live Oak	Corcoran Beach	Corcoran Beach - Access Improvements	Improvements	\$ 419,832	
Live Oak	Floral Park	Play Area & Turf Renovation	Deferred Maintenance	\$ 154,350	
Live Oak	Harper Street East Park	Harper Street East - Park Development	New Park Development	\$ 629,748	
Live Oak	Jose Avenue Park	Misc Fence & Bridge Repairs, Expand Gardens	Deferred Maintenance	\$ 41,160	
Live Oak	Live Oak Beaches	Live Oak Area Beaches (Incl Corcoran, E. Cliff & Johann'S Beaches) - Land Acquisition	Acquisition	\$ 524,790	3.8, 0.2
Live Oak	Live Oak School Park	Live Oak School - Land Acquisition	Acquisition	\$ 180,528	3.5
Live Oak	Live Oak School Park	Live Oak School - Park Development	New Park Development	\$ 52,479	
Live Oak	Lode Street Park	Lode Street Park - Park Development	New Park Development	\$ 220,412	
Live Oak	Mattison Lane Park	Mattison Lane - Land Acquisition	Acquisition	\$ 2,099,160	8.8
Live Oak	Mattison Lane Park	Mattison Lane - Park Development	New Park Development	\$ 734,706	
Live Oak	Moran Lake Park	Restroom Improvements	Improvements	\$ 51,450	
Live Oak	Moran Lake Park	Beach & Roadway Repairs	Improvements	\$ 56,595	
Live Oak	Moran Lake Park	Moran Lake - Park Development	Future Phase Park Development	\$ 1,154,538	
Live Oak	Portola Drive/Rodeo Gulch Park	Portola Drive/Rodeo Gulch Park - Land Acquisition	Acquisition	\$ 524,790	2
Live Oak	Portola Drive/Rodeo Gulch Park	Portola Drive/Rodeo Gulch Park - Park Development	New Park Development	\$ 682,227	
Live Oak	Santa Cruz Garden Park	Katherine Lane - (Santa Cruz Garden) Park Development	Future Phase Park Development	\$ 157,437	
Live Oak	Simpkins Family Swim Center	Install Exercise Equipment	Improvements	\$ 51,450	
Live Oak	Simpkins Family Swim Center	Replace Roof	Deferred Maintenance	\$ 308,700	
Live Oak	Simpkins Family Swim Center	Winter Cover Warm Water Pool	Improvements	\$ 1,029,000	
Live Oak	Sunny Cove Beach	Sunny Cove Beach - Access Improvements	Improvements	\$ 1,049,580	
Live Oak	Twin Hills Park	Twin Hills Park - Land Acquisition	Acquisition	\$ 209,916	1
Live Oak	Twin Hills Park	Twin Hills Park - Park Development	New Park Development	\$ 209,916	
Live Oak	Twin Lakes Park	Drainage And Fencing	Improvements	\$ 20,580	

**COUNTY OF SANTA CRUZ CAPITAL IMPROVEMENT PROGRAM  
PARKS UNPROGRAMMED PROJECTS**

UNPROGRAMMED PARKS PROJECTS: PARKS FUTURE NEEDS LIST					
AREA	PARK	DESCRIPTION	CATEGORY	ESTIMATED COST*	Approx ACRES
Live Oak	Winkle Farm Park	Rental Houses Repairs (Roof/Paint/Windows) And Demolish Barn	Deferred Maintenance	\$ 51,450	
Live Oak	Winkle Farm Park	Winkle Farm - (Phase II) Park Development	Future Phase Park Development	\$ 419,832	
multiple	Multiple Sites	Install Exercise Equipment	Improvements	\$ 102,900	
multiple	Tree Inventory & Maintenance Plan	Create Tree Inventory & Maintenance Plan For All Parks	Improvements	\$ 102,900	
North Coast	North Coast Beaches	Northcoast Beaches Plan Implementation (Scott Creek Restroom, Etc.)	Improvements	\$ 1,049,580	
Pajaro Valley	Misc. School Sites	Misc. School Sites	Improvements	\$ 1,049,580	
Pajaro Valley	Pinto Lake Park	Pinto Lake - Park Development	Future Phase Park Development	\$ 2,623,950	
Pajaro Valley	South County Park (Assume 3 Acres)	Acquisition, Design, Development	Acquisition, New Park Development	\$ 6,482,700	3
Salsipuedes	Salsipuedes Park	Neighborhood/Community Park - Land Acquisition	Acquisition	\$ 2,099,160	
Salsipuedes	Salsipuedes Park	Neighborhood/Community Park - Park Development	New Park Development	\$ 2,099,160	
San Lorenzo	Ben Lomond Library & Wilder Hall	Buildings Repairs	Deferred Maintenance	\$ 410,000	
San Lorenzo	Ben Lomond Park	River Access Project	Improvements	\$ 771,750	
San Lorenzo	Ben Lomond Park	Ben Lomond River Park - Neighborhood Park Expansion Land Acquisition	Acquisition	\$ 230,908	1.1
San Lorenzo	Ben Lomond Park	Ben Lomond River Walk - Neighborhood Park Land Acquisition	Acquisition	\$ 26,240	
San Lorenzo	Boulder Creek Junction Park	Boulder Creek Junction Park - (Downtown, Boulder Creek Recreation District)	New Park Development	\$ 25,725	
San Lorenzo	Felton Covered Bridge Park	Restroom	Improvements	\$ 257,250	
San Lorenzo	Felton Covered Bridge Park	Felton - Equestrian Improvements Per Village Plan	Improvements	\$ 5,248	
San Lorenzo	Felton Library Grounds	Design & Development	New Park Development	\$ 514,500	
San Lorenzo	Highlands Park	Highlands Park - Reconfigure Fields, Ada, Bleachers, Extend Road, Remove Pool, Reroof Restroom	Improvements	\$ 1,029,000	
San Lorenzo	Lompico Community Center	Lompico Community Center - Development	New Park Development	\$ 419,832	
San Lorenzo	Miller Property	Miller Property - Master Plan And Improvements	New Park Development	\$ 524,790	
San Lorenzo	Pace Family Wilderness	Pace Family Wilderness - Park Development	New Park Development	\$ 419,832	
San Lorenzo	Quail Hollow Ranch	Replace Bridge Across Q.H. Brook	Deferred Maintenance	\$ 411,600	
San Lorenzo	Quail Hollow Ranch	Pond Dam Upgrades	Improvements	\$ 66,885	
San Lorenzo	Quail Hollow Ranch	Quail Hollow Ranch - Park Development	Future Phase Park Development	\$ 3,148,740	
San Lorenzo	Wilder Hall	Access & Building Improvements	Improvements	\$ 30,870	
San Lorenzo	Zayante Park	Zayante Community Park - Land Acquisition	Acquisition	\$ 944,622	
San Lorenzo	Zayante Park	Zayante Community Park - Development	New Park Development	\$ 629,748	
Skyline	Skyline Park	Community Park - Land Acquisition	Acquisition	\$ 629,748	
Skyline	Skyline Park	Community Park - Park Development	New Park Development	\$ 944,622	
Soquel	Anna Jean Cummings Park	Water Re-Charge Facility Improvements	Improvements	\$ 51,450	
Soquel	Anna Jean Cummings Park	Renovate Athletic Fields, Drainage, Irrigation	Improvements or Deferred Maintenance	\$ 180,075	

**COUNTY OF SANTA CRUZ CAPITAL IMPROVEMENT PROGRAM  
PARKS UNPROGRAMMED PROJECTS**

UNPROGRAMMED PARKS PROJECTS: PARKS FUTURE NEEDS LIST					Approx ACRES
AREA	PARK	DESCRIPTION	CATEGORY	ESTIMATED COST*	
Soquel	The Farm Park - Future Phase	Farm Park & Community Center - Park Development	Future Phase Development	\$ 12,594,960	
unknown	Maintenance Yard	Maintenance Yard - Development	New Park Development	\$ 1,259,496	
unknown	N/A	Maintenance Yard - Land Acquisition	Acquisition	\$ 3,148,740	
<b>TOTAL PARKS FUTURE NEEDS</b>				<b>\$ 95,607,715</b>	

\*Increased by CPI of 2.9%



5-Year Capital Improvement Program  
Summary for Roads, Roadside  
Betterments, Drainage and Parks.

Summary of Identified Capital  
Improvement Projects Needed at Build  
Out of the County's General Plan.

# FINAL 2017/18

## Capital Improvement Program

### Santa Cruz County



Old County Road Bridge Replacement

Prepared by the Department of Public Works in conjunction with the County Administrative Office and the Planning Department.

# **COUNTY OF SANTA CRUZ FINAL CAPITAL IMPROVEMENT PROGRAM FISCAL YEAR 2017-2018**

The Final 2017-2018 Capital Improvement Program was compiled by the County Department of Public Works in conjunction with the County Administrative Office, Planning Department, and Parks, Open Space and Cultural Services.

Hard copies are available from the Department of Public Works at:  
701 Ocean Street, Room 410, Santa Cruz, CA 95060  
Or by calling (831) 454-2160

Electronic copies are available at <http://www.dpw.co.santa-cruz.ca.us>

**December 2017 Edition**

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

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## SECTION I: EXECUTIVE SUMMARY

The Final 2017-2018 Capital Improvement Program (CIP) presents a five-year financing implementation plan for capital improvements within the unincorporated County. It is an outgrowth of cooperative planning, programming and financing efforts through the County Administrative Office and by the County's land use departments including Planning, Parks, Open Space and Cultural Services, and Public Works. Unprogrammed road, roadside, and park projects (which funding is not anticipated in the coming five years, or longer, and meets requirements of unincorporated County service level needs at build out under the 1994 General Plan) are also identified in the document.

- Section I: Executive Summary and Overview
- Section II: Programmed and Completed Projects By District  
Shows total project costs for each CIP project, as well as Final expenditures by project for FY 2017-2018. There are currently 230 Disaster Recovery Projects from the 2016-2017 storms, with an estimated total cost of \$103 million. Of this total cost, \$18 million is designated for 2017-2018 disaster related projects. As directed by the Board of Supervisors, funding continues to be included for disability access projects in a number of planning areas. Additionally, Public Works is projecting \$2.5 million of Measure D funds for resurfacing County roads starting early spring 2018.
- Section III: Financing Summary  
Lists the status of the various funds supporting the Capital Improvement Program for Fiscal Year 2017-2018.
- Section IV: Unprogrammed Projects  
Lists needed capital improvement projects for which funding is not anticipated in the coming five years.
- Section V: Parks, Open Space and Cultural Services Capital Improvement Program
- Section VI: Appendix  
Includes a map of the County General Plan areas as well as a listing of the current 2017 storm disaster sites.

The Final 2017-2018 CIP has been reviewed for conformance with the 1994 General Plan/Local Coastal Program by the Planning Department, as required in Santa Cruz County Code §13.01.130(c). The Planning Department has confirmed all of the improvements listed in the Final 2017-2018 CIP are consistent with the General Plan/Local Coastal Program Land Use Plan.

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

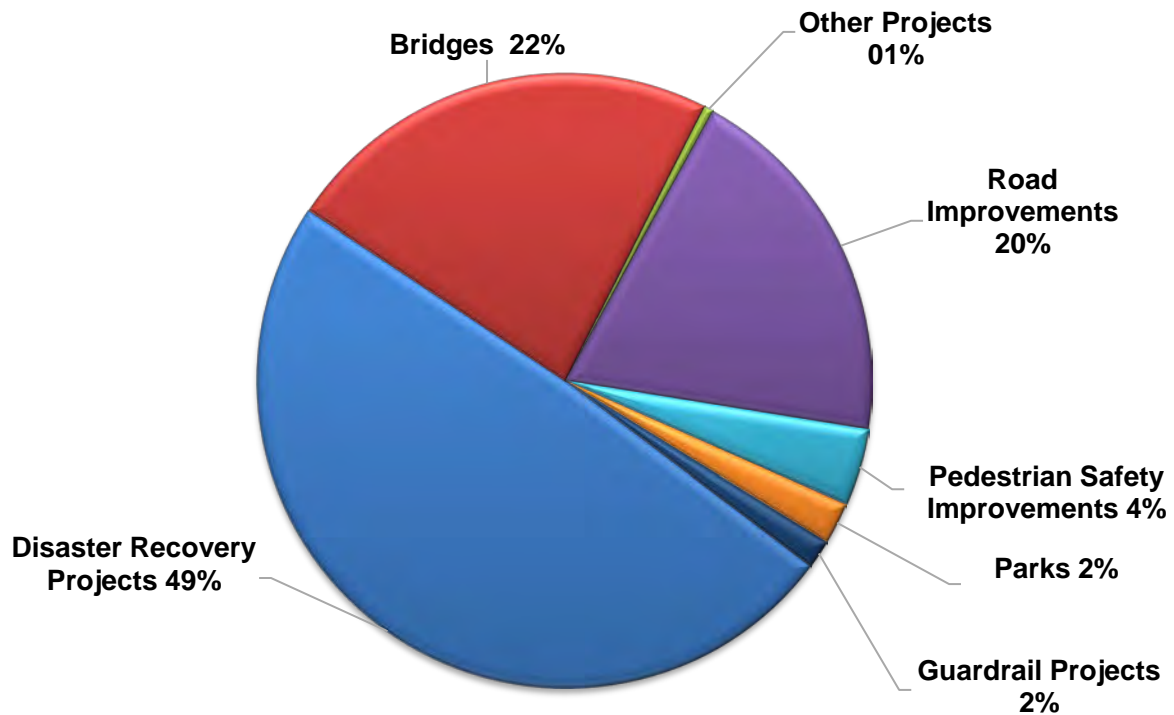
The Final 2017-2018 Capital Improvement Program includes 73 capital projects at a cost of approximately \$42.4 million for the planning, design, right-of-way acquisition or construction for the following types of projects:

**TABLE I: CAPITAL IMPROVEMENT PROJECTS OVERVIEW**

Project Type	Number of Projects	Final Project Costs
Bridges	19	9,822,745
Disaster Recovery Projects **	39	20,799,952
Guardrail Projects	3	642,600
Parks	14	927,766
Pedestrian Safety Improvements	11	1,716,074
Road Improvements (includes Measure D)	5	8,276,340
Other Projects	1	216,646
<b>TOTAL</b>	<b>73</b>	<b>\$42,402,123</b>

\*\* Includes disaster projects from 2009, 2011, and 2016-2017

**PROPOSED 2017-2018 CAPITAL IMPROVEMENT PROGRAM OVERVIEW**



## **COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

Disaster Related Projects from the 2017 storms are not yet divided into separate projects. Public Works staff is working closely with the Federal Emergency Management Agency (FEMA), the Federal Highway Administration (FHWA) and the California Office of Emergency Services (CalOES) to calculate anticipated repair costs. There has been 230 separate sites identified, at an estimated cost of \$103 million. For Fiscal Year 2017-2018, Public Works is proposing to spend \$20,799,952.

Disaster Recovery Projects are reimbursed at a rate of 75% for both FEMA and FHWA, and an additional 18.75% by CalOES for projects funded by FEMA only, with 6.25% of matching funds contributed by the County of Santa Cruz. Public Works has identified the existing gas tax and the new SB1 Gas Tax increase, fund balance, and a General Fund contribution for matching funds for 2017 disaster projects for Fiscal Year 2017-2018.

Public Works staff continues to work with State and Federal agencies to gain approval for individual project costs. This will allow staff to determine the amount needed in matching funds.

### **Conclusion**

This Executive Summary presents only some of the highlights of the Final 2017-2018 Capital Improvement Program. Due to the number of projects, it is not possible to discuss each project individually. However, each capital project designated for funding next year is identified in individual project worksheets. For more information on specific projects, individuals are encouraged to contact the appropriate land use departments responsible for coordinating the work. Department of Public Works should be contacted with inquiries relating to road, roadside, drainage, signalization, and disaster recovery projects. The Parks, Open Space and Cultural Services Department is responsible for park development projects.

## OVERVIEW

The CIP identifies the major public improvements to the County's infrastructure over the next five years and provides a means for the Santa Cruz County Board of Supervisors to determine capital priorities. The CIP includes new and ongoing projects with a total project cost of \$100,000 or more. Funding will be authorized for the CIP projects upon adoption of the Fiscal Year 2017-2018 budget.

### Organization of the CIP

The organization of the CIP has been changed this year to better describe the particulars of each capital project. The various projects are divided into two sections for each Supervisor District. The first section identifies on-going projects and the second section contains completed projects. Each project overview includes a project description, location, funding sources, total project cost, and the current year project appropriation. Staff hours for design, project management, and inspection are included within the individual project budgets.

Section shows funding by category. Section IV shows unprogrammed projects not anticipated to have funding for the next five years. Section V is the CIP for Parks, Open Space and Cultural Services. Section VI is the Appendix which contains a General Plan map and a current listing of the 2017 storm disaster sites.



### CIP Goals

The CIP is developed to address elements of the County's General Plan as well as other planning documents and master plans. Public Work's goals for the CIP are to:

- Maintain/upgrade infrastructure to support rural, suburban, and business communities
- Develop Capital projects to meet community needs
- Align Capital budgets with adopted policies and plans
- Link the County's development and fiscal planning processes

### CIP Preparation Process

The CIP is prepared with the annual budget. Final projects are submitted to the Public Works Department. Public Works staff compiles the document and prepares the draft program. The CIP is accepted by the Board of Supervisors and immediately referred to the Planning Commission, which reviews the CIP to ensure conformance with the General Plan. It is then sent back to the Board for a study session and action on the Final CIP. During the year, individual projects are taken to the Board of Supervisors prior to advertising for bids. The final CIP is adopted by the Board of Supervisors in December of each year.

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

## CIP FUNDING SOURCES

Funds for capital improvement projects are provided through a variety of sources, including State and Federal funding, Special Revenue Funds and Enterprise Funds. Many revenue categories are restricted, with expenditures limited to certain types of projects.

### Special Revenue Funds

A Special Revenue Fund is used to account for the proceeds of revenue sources that are restricted to expenditure for specific purposes. Special Revenue Funds include entitlement or subvention funds and developer fee funds. An example of an entitlement fund is Gas Tax whereby funds are distributed based on population. Special Revenue Funds used for the 2017-2018 Capital Improvement Program:



### Transportation Improvement Fees

The Transportation Improvement Fees are collected as development impact fees to finance traffic-related improvements needed at General Plan build-out and within specific planning areas.

### Roadside Improvement Fees

Roadside Improvement Fees are collected as development impact fees to finance identified roadside improvements needed at General Plan build-out and within specific planning areas.

### Gas Tax

Gas Tax funds support the overall planning, maintenance, and operation of the County's transportation system. Funds may be used for development review, transportation modeling, traffic signal operation and coordination, and streetlight system maintenance. Gas Tax use must comply with State and Federal regulations and must be directly related to street construction or maintenance. Revenue is distributed by the State according to established formulas, based on road miles maintained and number of registered vehicles.

### Highway Safety Improvement Program

Highway Safety Improvement Program is a federal program that funds safety improvement projects to reduce the number and severity of collisions at hazardous highway locations, sections and elements on any public road, any public surface transportation facility, or any publicly owned bicycle or pedestrian pathway or trail.

### Highway Bridge Program

The Highway Bridge Program is part of the Federal Highway Act and are to be used on the reconstruction and rehabilitation of our County bridges.

## **COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

### Federal Emergency Management Agency (FEMA)

FEMA funds are made available to the County through the Stafford Act when a disaster occurs and there is presidential declaration of a disaster area. These monies are to be spent on debris removal and repairing roads to their pre-disaster condition on non-federal routes.

### California Office of Emergency Services Disaster Relief Funds (CalOES)

CalOES funds are made available to the County from the State government through the California Disaster Assistance Act when a disaster has occurred and there is a Governor's proclamation of a disaster area.

### Federal Highway Administration Emergency Relief

FHWA Emergency Relief funds are available for the repair of Federal-aid highways or roads on Federal lands that have been seriously damaged by natural disasters.

### Measure D Funds

Measure D is a County-wide 1/2 cent sales tax measure to fund local streets and road maintenance, bicycle and pedestrian projects especially near schools, safety projects, transit and paratransit service and numerous essential transportation projects and programs throughout the county.

### **Enterprise Funds**

Enterprise Funds are proprietary funds used to account for activities with an associated user charge. Enterprise Funds are maintained by adopted rates and are not subsidized by the General Fund. User rates support the full cost of operations, maintenance, capital, and reserve requirements. Enterprise Funds used for the 2017-2018 Capital Improvement Program:

### Sewer Service Fund

The Sewer Service Fund was established to maintain, rehabilitate, and replace sewer facilities. Revenue is derived from user charges to residents and businesses with connections to the county sewer lines. Capital projects include rebuilding sewer lift stations and lining or replacement of sewer lines. Facilities are evaluated regularly to determine priorities to repair or replace facilities. The capital project program includes design, engineering, and all aspects of construction management.

### County Service Area/Special Districts

The County Service Area/Special Districts are created by local communities who want expanded service levels in areas where residents are willing to pay an annual benefit assessment for the extra service. A CSA is authorized to provide a wide variety of services, including expanded road maintenance, fire protection, park and recreation facilities, libraries, landscaping, and parking services.

### Park Dedication Funds

Funds are derived from fees collected on new residential construction or remodels, to offset the impacts of increased population. Funds are restricted for capital projects in parks.

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

## GRANTS AND MINOR CIP FUNDS

Each year, Public Works staff apply for and receive various grant awards. The CIP document includes only grant funds that assist in developing or improving the infrastructure. By pursuing grant opportunities, the County is able to maximize local project funds.

In FY 2017-2018, the following grants are providing funding:

- California Boating and Waterways Grants provide funding for coastal improvement projects
- Bridge Preventative Maintenance Program Grants are used to extend useful life of the County's bridges
- Safe Routes to Schools Grant, part of the Active Transportation Program, to address traffic safety issues near schools
- Regional Surface Transportation Program
- Surface Transportation Block Grant
- Air Quality Control Grants per AB 2766





# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

## CIP CATEGORIES

### Bridges

This category highlights improvements to the County's bridge system. Projects may include maintenance, repairs, and complete replacements of County bridges.

### Disaster Recovery Projects

Capital projects that were created by a disaster such as a storm, earthquake, or other event.

### Drainage Improvements

Drainage projects include storm drain line construction or rehabilitation, drainage pump station construction, and drainage system facilities.

### Guardrails

Upgrades, repairs, or replacements of guardrails throughout the County to increase road safety.



March 2011 Storm Damage Before and After Photos of Branciforte Road PM 5.0

### Parks

Capital projects, including both new and rehabilitation of existing Parks facilities.

### Pedestrian Safety Improvements

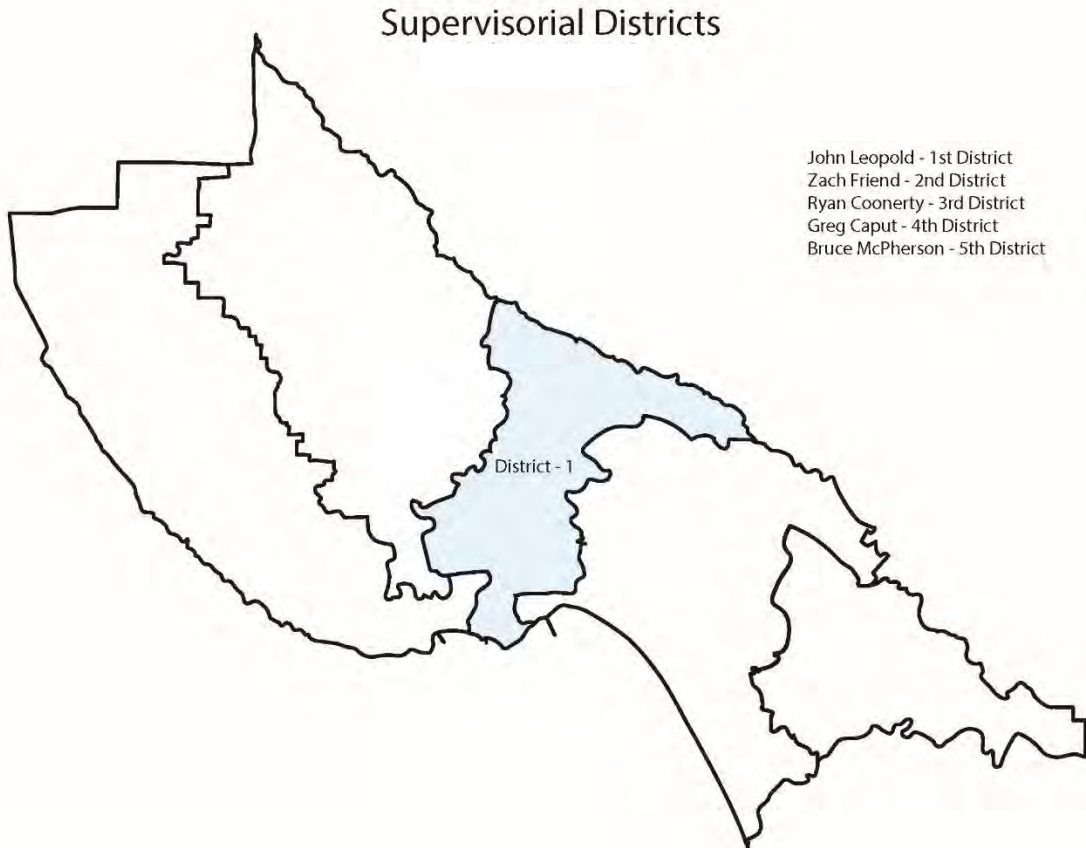
Improvements to the countywide transportation system include ADA access ramps, sidewalks, street trees, and streetscapes. Projects are intended to improve safe pedestrian access throughout the County.

### Road Improvements

This category highlights improvements to the County's road system. Projects may include street and intersection widening, bike and bus facilities, parking, traffic signals, pavement rehabilitation, pavement and concrete replacement, road widening, and grade adjustments.

## SECTION II

### DISTRICT 1 – PROGRAMMED PROJECTS



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B3057  
**PROJECT NUMBER** P40549, P40555

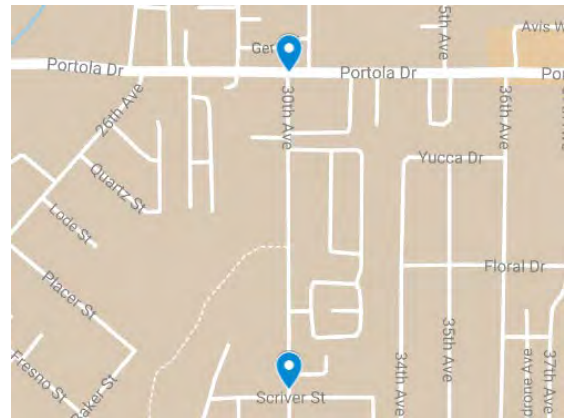
**SUPERVISORIAL DISTRICT 1**

**30TH AVENUE – SCRIVER STREET TO PORTOLA DRIVE  
 SIDEWALK INFILL**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project consists of design and construction of curb, gutter, and sidewalk on 30th Avenue from Scriver Street to Portola Drive.



<b>PROJECT COST ESTIMATE:</b>	\$500,000	
<b>FUNDING TO DATE:</b>	\$125,000	
<b>CURRENT FUNDING SOURCES:</b>	\$75,000	Live Oak Roadside Improvement Fund
	\$50,000	Live Oak Transportation Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$125,000					\$125,000
Construction anticipated to begin FY 2020-21						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B308  
**PROJECT NUMBER** P40589, P40554

**SUPERVISORIAL DISTRICT 1**

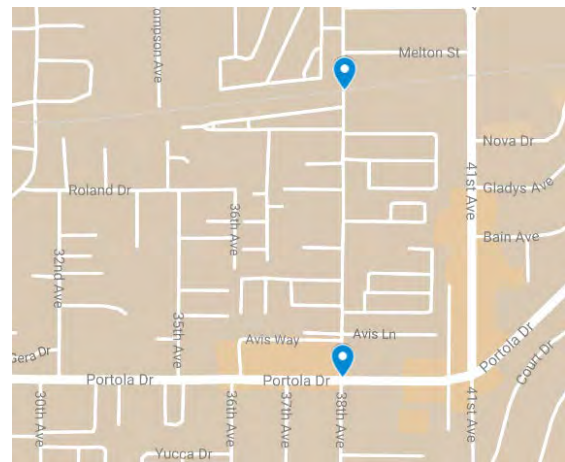
**38TH AVENUE – PORTOLA DRIVE TO RAILROAD CROSSING  
 SIDEWALK INFILL**



**PROJECT TYPE:** Pedestrian Safety  
**FUNDING STATUS:** Partially Funded  
**PROJECT STATUS:** Design

**LOCATION:** Mid County  
**PLANNING AREA:** Live Oak

**DESCRIPTION:** This project consists of design and construction of curb, gutter, and sidewalk on 38th Avenue from Portola Drive to the railroad crossing.



**PROJECT COST ESTIMATE:** \$300,000  
**FUNDING TO DATE:** \$83,500

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$3,500	\$80,000					\$83,500

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER B3062**  
**PROJECT NUMBER P40548**

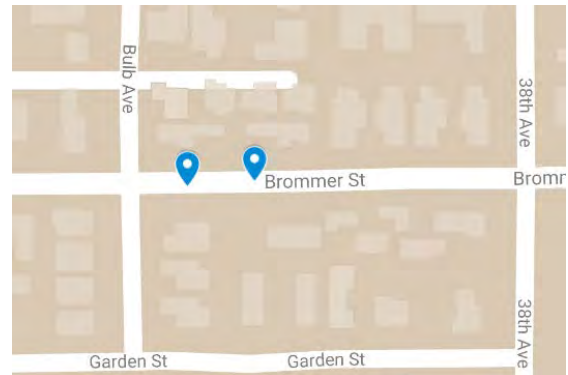
**SUPERVISORIAL DISTRICT 1**

**BROMMER STREET AND BULB AVENUE  
 SIDEWALK INFILL**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Construction		

**DESCRIPTION:** This project consists of design and construction of curb, gutter, and sidewalk on Brommer Street between Bulb Ave and 38th Avenue.



<b>PROJECT COST ESTIMATE:</b>	\$150,000	
<b>FUNDING TO DATE:</b>	\$118,299	
<b>CURRENT FUNDING SOURCES:</b>	\$100,000	TDA

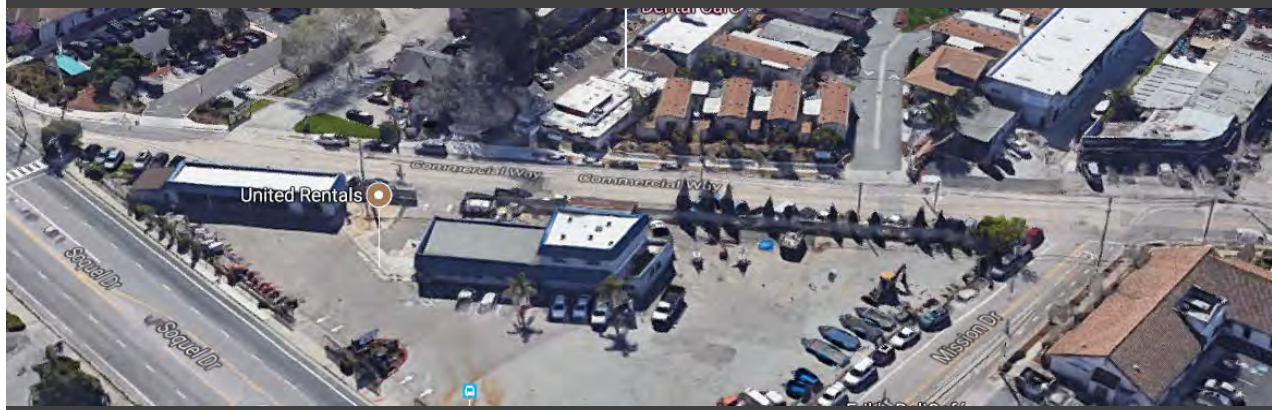
PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$18,299	\$100,000					\$118,299

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B3059  
**PROJECT NUMBER** P40588, P40552

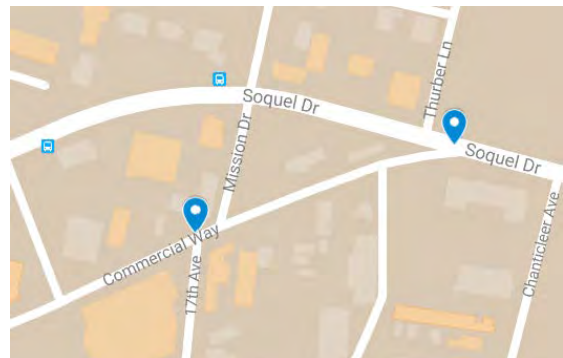
**SUPERVISORIAL DISTRICT 1**

**COMMERCIAL WAY – 17TH AVE – SOQUEL DRIVE  
 SIDEWALK INFILL**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	No Funding	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>			

**DESCRIPTION:** This project consists of design and construction of curb, gutter, and sidewalk on Commercial Way between 17th Avenue and Soquel Drive.



<b>PROJECT COST ESTIMATE:</b>	\$350,000
<b>FUNDING TO DATE:</b>	\$4,000

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$4,000					\$4,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R9008**  
**PROJECT NUMBER P40581**

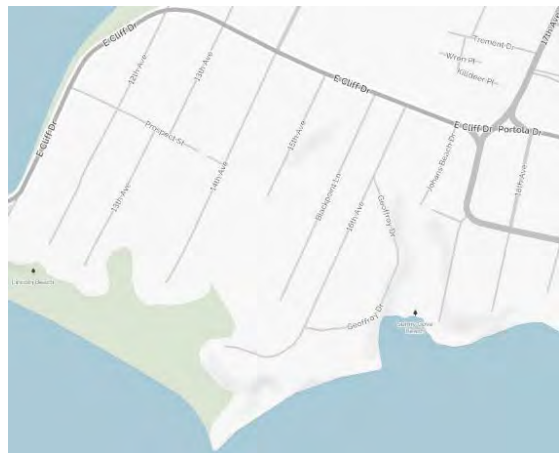
**SUPERVISORIAL DISTRICT 1**

**EAST CLIFF DRIVE CAPE SEAL  
 12TH TO 17TH AVENUE**



<b>PROJECT TYPE:</b>	Road	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project provides for localized pavement repairs, cape seal resurfacing, and new pavement striping on East Cliff Drive between 12th and 17th Avenue.



<b>PROJECT COST ESTIMATE:</b>	\$245,000	
<b>FUNDING TO DATE:</b>	\$245,000	
<b>CURRENT FUNDING SOURCES:</b>	\$147,000	RSTP
	\$98,000	Gas Tax

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$245,000					\$245,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B3060  
**PROJECT NUMBER** P40587, P40551

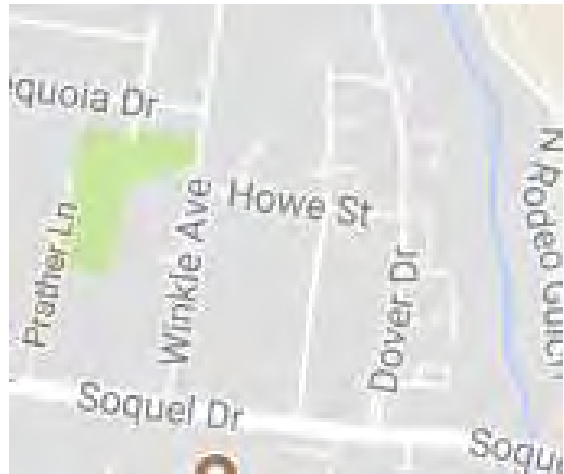
**SUPERVISORIAL DISTRICT 1**

**HOWE STREET AND WINKLE AVENUE  
 CROSSWALK AND SIDEWALK INFILL**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project consists of design and construction of a new ADA ramps, curb, gutter, sidewalk and crosswalk for multiple locations on Howe Street and Winkle Avenue.



<b>PROJECT COST ESTIMATE:</b>	\$325,000	
<b>FUNDING TO DATE:</b>	\$134,140	
<b>CURRENT FUNDING SOURCES:</b>	\$75,000	Live Oak Roadside Improvement Fund
	\$59,140	Live Oak Transportation Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$134,140					\$134,140



# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER R6558  
PROJECT NUMBER P40357, P40358

SUPERVISORIAL DISTRICT 1

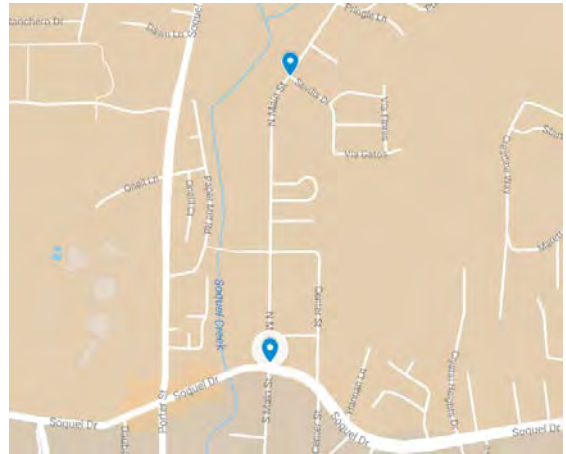
## MAIN STREET IMPROVEMENTS



**PROJECT TYPE:** Pedestrian Safety  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Design

**LOCATION:** Mid County  
**PLANNING AREA:** Soquel

**DESCRIPTION:** This project is to construct curb, gutter, sidewalk, and bike lanes from Soquel Drive to Sevilla Drive.



**PROJECT COST ESTIMATE:** \$1,250,000  
**FUNDING TO DATE:** \$833,078  
**CURRENT FUNDING SOURCES:** \$554,525 Soquel Roadside Improvement Fund  
\$247,477 Soquel Transportation Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$31,076	\$802,002					\$833,078

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER DP-081**  
**PROJECT NUMBER P79146**

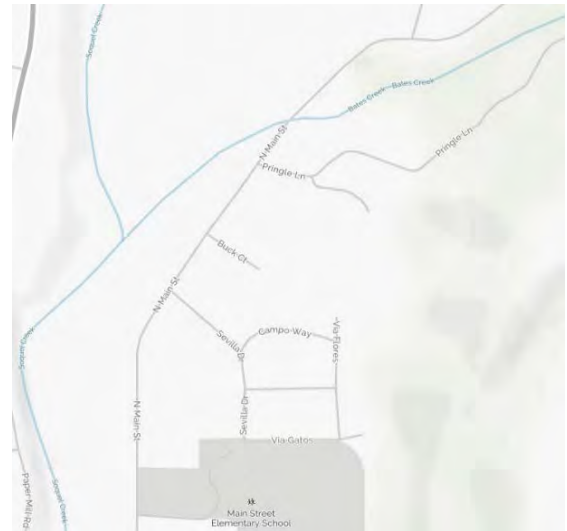
**SUPERVISORIAL DISTRICT 1**

**MAIN STREET  
 PM 1.10 SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Soquel
<b>PROJECT STATUS:</b>	Design, Environmental		

**DESCRIPTION:** This project will provide for the repair of a 70 lineal-foot road slipout. The project scope includes the realignment of the road, construction of a stitch pile wall, construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



<b>PROJECT COST ESTIMATE:</b>	\$655,700	
<b>FUNDING TO DATE:</b>	\$595,965	
<b>CURRENT FUNDING SOURCES:</b>	\$512,000	FHWA
	\$74,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$9,965	\$586,000					\$595,965
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER DP-086**  
**PROJECT NUMBER P79121**

**SUPERVISORIAL DISTRICT 1**

**MOUNTAIN VIEW ROAD PM 0.49  
 SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Carbonera
<b>PROJECT STATUS:</b>	Construction		

**DESCRIPTION:** This project will provide for the repair of a 20 lineal-foot road slipout. The project scope includes the construction of a steel soldier pile and timber lagging retaining wall, installation of guardrail, road drainage facilities, and erosion control measures.



<b>PROJECT COST ESTIMATE:</b>	\$203,000	
<b>FUNDING COMMITMENT TO DATE:</b>	\$203,935	
<b>CURRENT FUNDING SOURCES:</b>	\$195,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$8,935	\$195,000					\$203,935
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER DP-084**  
**PROJECT NUMBER P79120**

**SUPERVISORIAL DISTRICT 1**

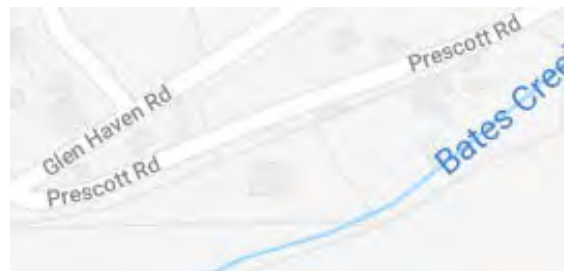
**PRESCOTT ROAD  
 PM 0.35 SLIPOUT**



**PROJECT TYPE:** Disaster Recovery Project  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:**

**LOCATION:** Soquel  
**PLANNING AREA:** Summit

**DESCRIPTION:** This project provides for the repair of a 40 lineal-foot road slipout. The project scope included the construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



**PROJECT COST ESTIMATE:** \$445,000  
**FUNDING TO DATE:** \$445,000  
**CURRENT FUNDING SOURCES:** \$300,000 Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$42,460	\$402,540					\$445,000
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R9004**  
**PROJECT NUMBER P40257**

**SUPERVISORIAL DISTRICT 1**

**SIDEWALK INFILL PROJECTS  
 VARIOUS LOCATIONS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** The project is to design and construct pedestrian safety improvements in Live Oak.

<b>PROJECT COST ESTIMATE:</b>	\$500,000	
<b>FUNDING TO DATE:</b>	\$60,649	
<b>CURRENT FUNDING SOURCES:</b>	\$54,566	Live Oak Roadside Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$6,083	\$54,566					\$60,649

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER B3062  
PROJECT NUMBER P40590, P40555

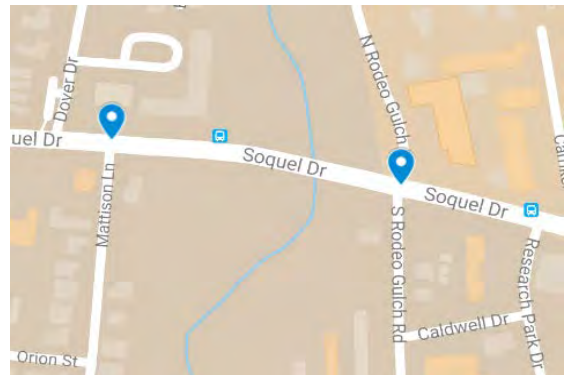
SUPERVISORIAL DISTRICT 1

**SOQUEL DRIVE – MATTISON LANE TO RODEO GULCH  
SIDEWALK INFILL**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project consists of design and construction of curb, gutter, and sidewalk on Soquel Avenue from Mattison Lane to Rodeo Gulch Road.



<b>PROJECT COST ESTIMATE:</b>	\$200,000	
<b>FUNDING TO DATE:</b>	\$300,000	
<b>CURRENT FUNDING SOURCES:</b>	\$150,000	Live Oak Roadside Improvement Fund
	\$150,000	Live Oak Transportation Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$300,000					\$300,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R6558  
**PROJECT NUMBER** P40605, P40606, P40607

**SUPERVISORIAL DISTRICTS 1 & 5**

**STRIPING AND GUARDRAIL IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	County Wide
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	County Wide
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This is for three Highway Safety Improvement Program (HSIP) projects for upgraded guardrail and striping in three geographical areas encompassing the entire county, North, Middle, and South. The three projects will be designed and constructed concurrently.

Project	Striping (mi.)	Guardrail (ft.)	
North	38.5	1,215	Guardrail on La Madrona Drive
Central	18.6	3,706	Guardrail on El Rancho Drive
South	12.3	0	

<b>PROJECT COST ESTIMATES:</b>	NORTH COUNTY	\$1,108,000
	MID COUNTY	\$1,129,600
	SOUTH COUNTY	\$368,500
<b>FUNDING TO DATE:</b>	\$213,258	
<b>CURRENT FUNDING SOURCES:</b>	\$145,300	Highway Safety Improv. Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$67,958	\$145,300					\$213,258
Construction anticipated to begin FY 2018-19						

DISTRICT 1 – COMPLETED PROJECTS

CIP NUMBER DP-099  
PROJECT NUMBER P79091

SUPERVISORIAL DISTRICT 1

**EL RANCHO DRIVE  
PM 0.47 SLIPOUT**



**PROJECT TYPE:** Disaster Recovery Project  
**FINAL PROJECT COST:** \$904,095

**LOCATION:** Mid County  
**PLANNING AREA:** Carbonera



**PROJECT COMPLETED IN FY 2016-2017:**  
This is a disaster recovery project from the March 2011 storms. This project provided for the repair of a 60 lineal-foot road slipout. The project scope includes the construction of a Mechanically Stabilized Earth (MSE) retaining wall, installation of a guard rail, road drainage facilities, and erosion control measures.



COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER  
PROJECT NUMBER P76403

SUPERVISORIAL DISTRICT 1

**HIGHLAND WAY 2.68  
SLIPOUT**



**PROJECT TYPE:** Disaster Recovery Project  
**FINAL PROJECT COST:** \$525,660

**LOCATION:** South County  
**PLANNING AREA:** Eureka Canyon



**PROJECT COMPLETED IN FY 2016-2017:**  
This project repaired a slipout on Highland Way at PM 2.68 from a storm event. An existing 15" CMP cross culvert plugged during the storm event causing roadway erosion. The project called for constructing a forty foot lineal soldier pile and timber wall. The wall will be up to 12 feet high.

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER B6525  
PROJECT NUMBER P40575, P40574, 40622

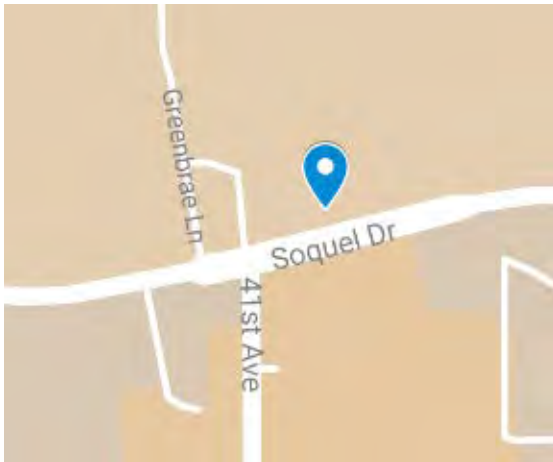
SUPERVISORIAL DISTRICT 1

**SOQUEL DRIVE EAST OF 41ST AVENUE  
BUS STOP**



**PROJECT TYPE:** Road  
**FINAL PROJECT COST:** \$185,124

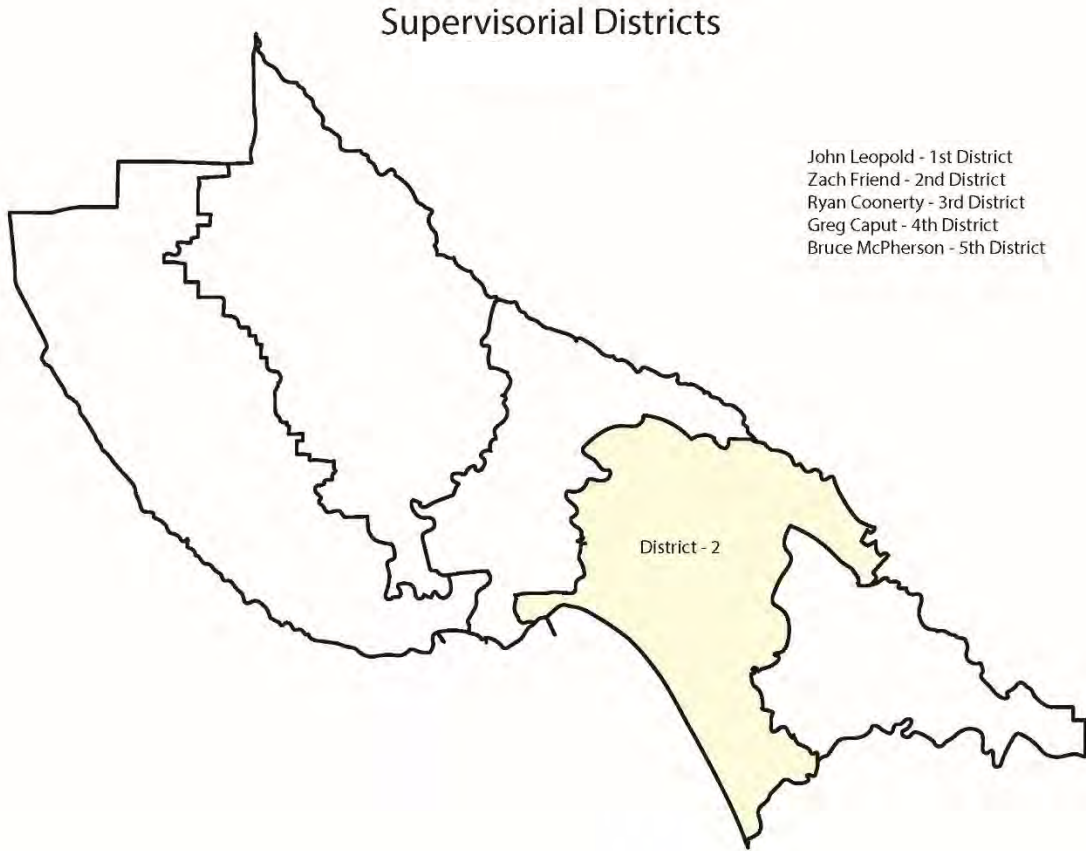
**LOCATION:** Mid County  
**PLANNING AREA:** Soquel



**PROJECT COMPLETED:**

This project consisted of design and construction of a bus turnout on the north side of Soquel Drive just east of 41st Avenue, and green bike lane striping improvements at the Soquel Drive/Highway 1 interchange

**DISTRICT 2 – PROGRAMMED PROJECTS**



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R0052  
**PROJECT NUMBER** P40591, P40084, P40090, P22352, P21012

**SUPERVISORIAL DISTRICT 2**

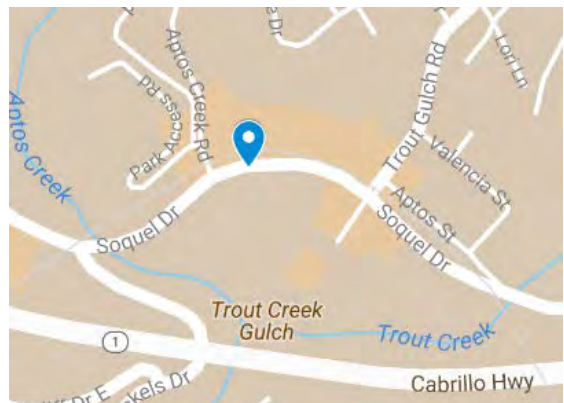
**APTOS VILLAGE PLAN IMPROVEMENTS  
 PHASE I AND II**



<b>PROJECT TYPE:</b>	Road	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Aptos
<b>PROJECT STATUS:</b>	Construction		

Phase I - Construct road and roadside improvements including traffic signal at Soquel Drive and Trout Gulch Road intersection.

Phase II – Design and construct road and roadside improvements including traffic signal at Soquel Drive intersection at Aptos Creek Road (Phase IIb - design only) and Parade Street (Phase IIa).



<b>PROJECT COST ESTIMATE:</b>	\$5,800,000
<b>FUNDING TO DATE:</b>	\$2,321,167 (Ph. I Contract encumbrance + \$519,620 budget)
<b>CURRENT FUNDING SOURCES:</b>	\$105,000 ATIF, \$200,000 ARIF, \$175,000 CSA 9, \$30,000 RSTPX, \$9,620 TDA
<b>2017-18 UNANT. REVENUE:</b>	\$213,322 RSTPX, \$78,744 OTHER
<b>2018-19 PROP. BUDGET:</b>	\$280,000 ATIF, \$280,000 ARIF

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$1,300,000	\$685,000					\$1,985,000
Phase I under construction; complete in FY 2017-18. Phase II in design; complete in FY 2018-19. Phase II-A construction by Aptos Village developer.						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

CIP NUMBER DP-075  
PROJECT NUMBER P79143

SUPERVISORIAL DISTRICT 2

**EUREKA CANYON ROAD PM 0.36  
SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Eureka Canyon
<b>PROJECT STATUS:</b>	Design, Environmental, and Right-of-Way		

**DESCRIPTION:** This project will provide for the repair of a 30 lineal-foot road slipout. The project scope includes the construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



<b>PROJECT COST ESTIMATE:</b>	\$282,700	
<b>FUNDING TO DATE:</b>	\$302,278	
<b>CURRENT FUNDING SOURCES:</b>	\$225,000	FHWA
	\$36,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$41,278	\$261,000					\$302,278
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R4086**  
**PROJECT NUMBER P40264**

**SUPERVISORIAL DISTRICT 2 and 4**

**GREEN VALLEY ROAD  
 BRIDGE REPLACEMENT**



**PROJECT TYPE:** Bridge  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Design and Environmental

**LOCATION:** South County  
**PLANNING AREA:** Pajaro

**DESCRIPTION:** This project will provide for the replacement of the 25 long Green Valley Road Bridge over the Casserly Creek Tributary near Watsonville, due to its structural deficiency. The new bridge will be a single span concrete box girder with improved roadway approaches and fish passage.



**PROJECT COST ESTIMATE:** \$2,470,000  
**FUNDING TO DATE:** \$2,360,209  
**CURRENT FUNDING SOURCES:** \$1,800,000 Highway Bridge Program  
 \$180,000 County Road Fund  
 \$180,000 County Road Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$56,209	\$1,980,000					\$2,360,209
In Construction FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R6558  
**PROJECT NUMBER** P21004

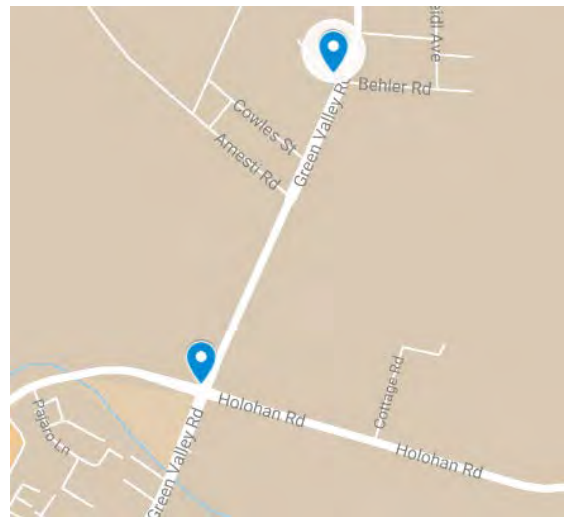
**SUPERVISORIAL DISTRICTS 2 & 4**

**GREEN VALLEY ROAD  
 PEDESTRIAN IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Pajaro Valley
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project is for curb, gutter, and sidewalk on Green Valley Road from Holohan Road to Pinto Lake Road.



<b>PROJECT COST ESTIMATE:</b>	\$106,000	
<b>FUNDING TO DATE:</b>	\$5,683	Transportation Development Act
<b>CURRENT FUNDING SOURCES:</b>	\$5,683	Transportation Development Act

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$5,683					\$5,683

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B3062  
**PROJECT NUMBER** P40603, P21023

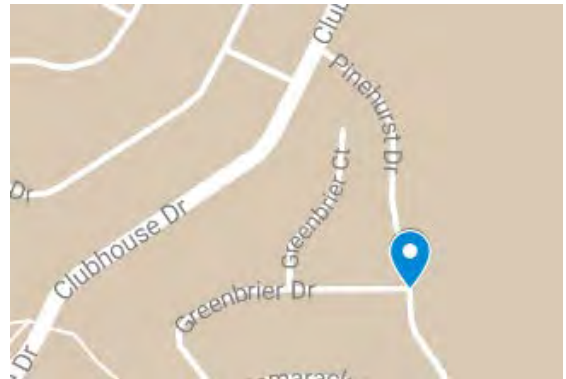
**SUPERVISORIAL DISTRICT 2**

**PINEHURST AND GREENBRIER  
 SIDEWALK IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Aptos
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project is located in Rio del Mar at Rio del Mar Elementary School and consists of designing and constructing a new ADA ramp, curb, gutter and sidewalk. It will also include restriping the crosswalk and repairing the curb and gutter damaged by tree roots.



<b>PROJECT COST ESTIMATE:</b>	\$272,000	
<b>FUNDING TO DATE:</b>	\$105,000	
<b>CURRENT FUNDING SOURCES:</b>	\$20,000	County Road Fund
	\$85,000	Transportation Development Act

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$105,000					\$105,000



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-011  
**PROJECT NUMBER** P40354

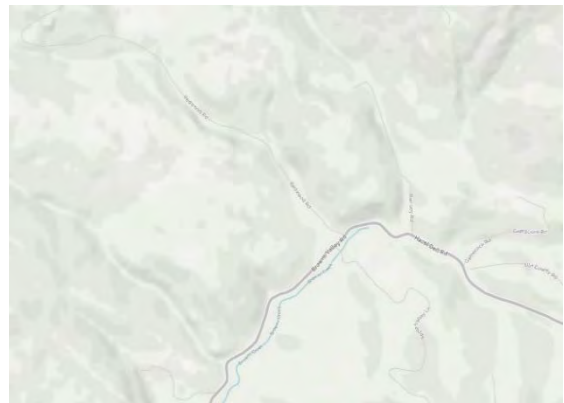
**SUPERVISORIAL DISTRICT 2**

**REDWOOD ROAD  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Pajaro Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project provides for the replacement of the 28 foot long Redwood Road Bridge over the Brown's Creek Tributary northeast of the Town of Corralitos, due to its substandard geometry and structural deficiency. The new bridge will be a single span concrete slab to meet current standards with improved roadway approach alignments.



<b>PROJECT COST ESTIMATE:</b>	\$1,355,000	
<b>FUNDING TO DATE:</b>	\$280,328	
<b>CURRENT FUNDING SOURCES:</b>	\$20,000	State Match Exchange Fund
	\$200,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$60,328	\$220,000					\$280,328
Construction anticipated to begin FY 2017-18						

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER D0029  
PROJECT NUMBERS P40621, P26303

SUPERVISORIAL DISTRICT 2

## RIO DEL MAR FLATS DRAINAGE PROJECT



**PROJECT TYPE:** Drainage  
**FUNDING STATUS:** Partially Funded  
**PROJECT STATUS:** Design, Environmental

**LOCATION:** South County  
**PLANNING AREA:** Aptos

**DESCRIPTION:** This project includes construction of a pump and concrete vault, new storm drain pipes, and inlet and outlet structures. These improvements will help alleviate flooding in the Rio Del Mar Flats area.



**PROJECT COST ESTIMATE:** \$4,800,000  
**FUNDING TO DATE:** \$425,013  
**CURRENT FUNDING SOURCES:** \$216,646 Zone 6

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$208,367	\$216,646					\$425,013
Construction anticipated to begin FY 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-020  
**PROJECT NUMBER** P40141

**SUPERVISORIAL DISTRICT 2**

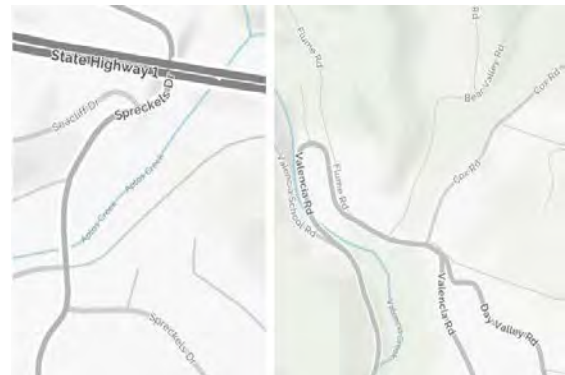
**SPRECKLES ROAD BRIDGE AND VALENCIA ROAD BRIDGE  
 SCOUR PROTECTION**



**PROJECT TYPE:** Bridge  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Design and Environmental

**LOCATION:** South County  
**PLANNING AREA:** Aptos

**DESCRIPTION:** This Scour Protection project will consist of repairing scour undermining the abutments of the Spreckles Road Bridge at Aptos Creek and the Valencia Road Bridge at Valencia Creek.



**PROJECT COST ESTIMATE:** \$175,000  
**FUNDING TO DATE:** \$44,857  
**CURRENT FUNDING SOURCES:** \$2,000 County Road Funds  
 \$18,000 Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$24,857	\$20,000					\$44,857
Construction anticipated to begin FY 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B0006  
**PROJECT NUMBER** P40227, P40226, P22407, P40237, P21016

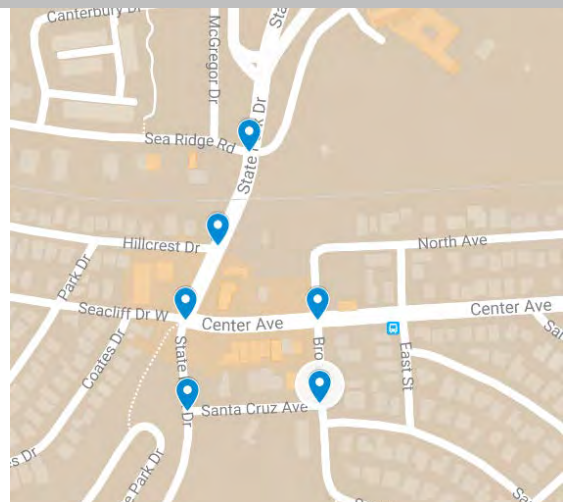
**SUPERVISORIAL DISTRICT 2**

**STATE PARK DRIVE IMPROVEMENTS  
 SEACLIFF VILLAGE**



<b>PROJECT TYPE:</b>	Road	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Aptos
<b>PROJECT STATUS:</b>	Design, Environmental		

**DESCRIPTION:** This project is to design and construct road, roadside, streetscape, lighting, and landscaping improvements per the Seacliff Village Plan on State Park Drive, Santa Cruz Avenue, Broadway, and Center Avenue and coordinate with the utility underground project.



<b>PROJECT COST ESTIMATE:</b>	\$2,000,000	
<b>FUNDING TO DATE:</b>	\$251,233	
<b>CURRENT FUNDING SOURCES:</b>	\$185,000	Aptos Transportation Improvement Fund
	\$200,000	Aptos Roadside Improvement Fund
	\$100,000	CSA 9A
	\$587,000	RSTPX
	\$257,637	TDA

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$151,233	\$100,000					\$251,233
Underground Done, Finish Design						

DISTRICT 2 – COMPLETED PROJECTS

CIP NUMBER DP-099

SUPERVISORIAL DISTRICT 2

PROJECT NUMBER P79129, 76923

EUREKA CANYON ROAD  
PM 7.58 SLIPOUT



**PROJECT TYPE:** Disaster Recovery Project  
**FINAL PROJECT COST:** \$306,000

**LOCATION:** South County  
**PLANNING AREA:** Eureka Canyon



**PROJECT COMPLETED IN FY 2016-2017:**  
This project provided for the construction of a 48 lineal foot by 10 foot high steel soldier pile timber lagging retaining wall with soil tieback anchor assemblies, fabricated steel walers, gabion end closures, wall underdrain system, storm downdrain, gabion mattress energy dissipater, metal beam guard railing with terminal end systems, asphalt concrete dike, asphalt pavement repair and erosion control & revegetation.

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER R9008  
PROJECT NUMBER P40608

SUPERVISORIAL DISTRICT 2

**FREEDOM BOULEVARD  
FROM HIGHWAY 1 TO HAMES ROAD**



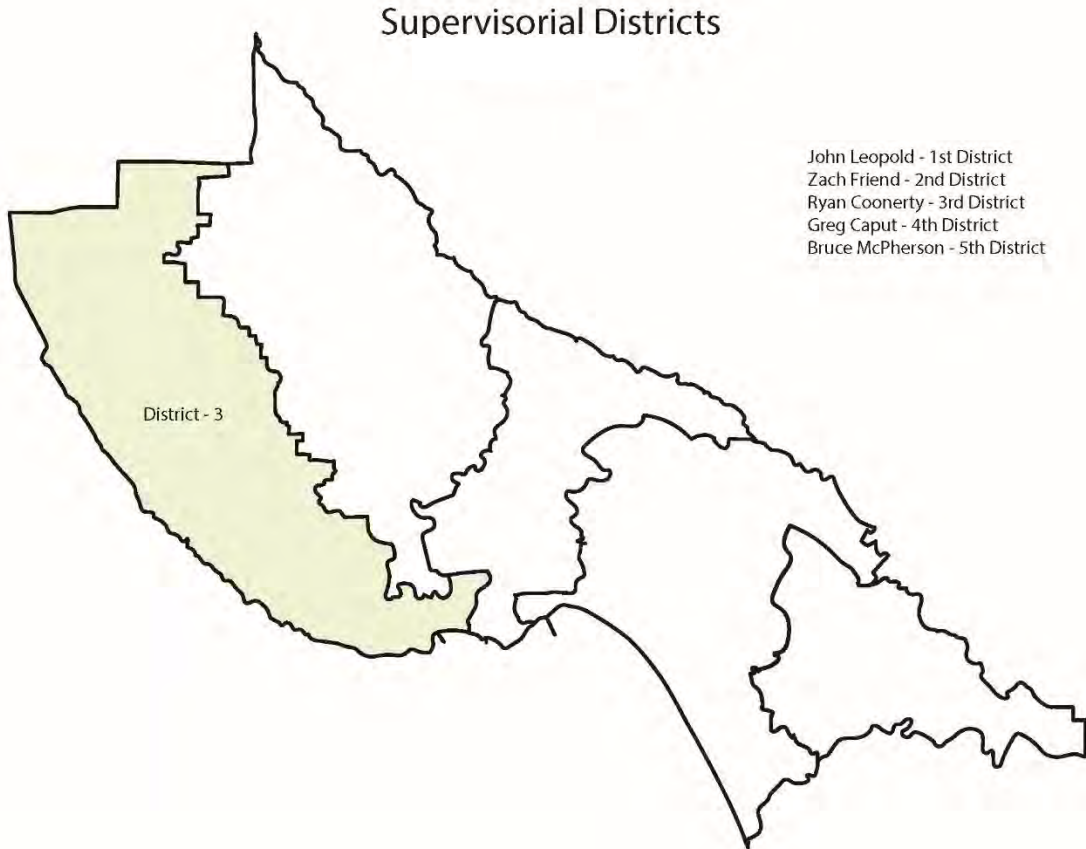
**PROJECT TYPE:** Roads  
**FINAL PROJECT COST:** \$855,675

**LOCATION:** South County  
**PLANNING AREA:** Aptos Hills



**PROJECT COMPLETED IN FY 2016-2017:**  
This project provided for localized pavement repairs, rubberized chip seal resurfacing, and new pavement striping on Freedom Boulevard between Hames Road and State Highway 1.

**DISTRICT 3 – PROGRAMMED PROJECTS**



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-015  
**PROJECT NUMBER** P40595

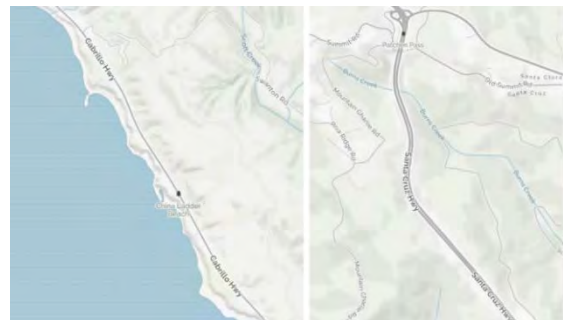
**SUPERVISORIAL DISTRICTS 3 and 5**

**CLEAN/PAINT STEEL BRIDGE MEMBERS  
 SWANTON AND OLD SANTA CRUZ HIGHWAY**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Summit and North Coast
<b>PROJECT STATUS:</b>	Design and Environmental		

**DESCRIPTION:** The project provides for blast cleaning and painting of steel girders and piling on the Swanton Road Bridge over Scott Creek and the sidehill viaduct on Old Santa Cruz Highway.



<b>PROJECT COST ESTIMATE</b>	\$410,000	
<b>FUNDING TO DATE:</b>	\$288,928	
<b>CURRENT FUNDING SOURCES:</b>	\$54,000	County Road Fund
	\$218,000	Highway Bridge Program

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$16,928	\$272,000					\$288,928
In Construction FY 2017-18						



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-013  
**PROJECT NUMBER** P40394

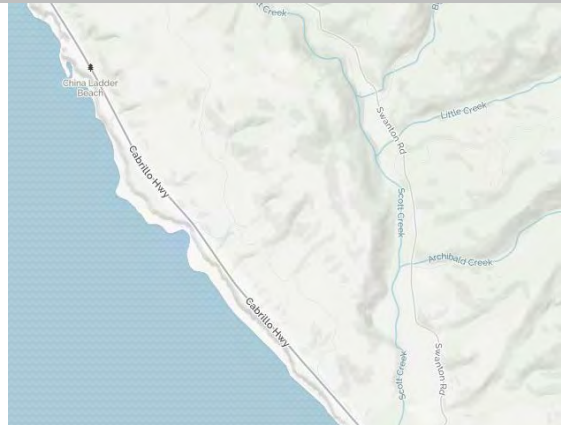
**SUPERVISORIAL DISTRICT 3**

**SWANTON ROAD  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	North Coast
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project provides for the replacement of the 80 foot long Swanton Road Bridge over the Big Creek near the Town of Davenport, due to its substandard deck geometry and its vulnerability to scour. The new bridge will be a single span bridge with improved alignment.



<b>PROJECT COST ESTIMATE:</b>	\$2,540,000	
<b>FUNDING TO DATE:</b>	\$102,450	
<b>CURRENT FUNDING SOURCES:</b>	\$5,000	State Match Exchange Fund
	\$45,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$52,450	\$50,000					\$102,450
Construction anticipated after FY 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** B3053  
**PROJECT NUMBER** P48038, P40609,

**SUPERVISORIAL DISTRICT 3**

**TWIN LAKES BEACHFRONT IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Combination	<b>LOCATION:</b>	Mid County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	Construction		

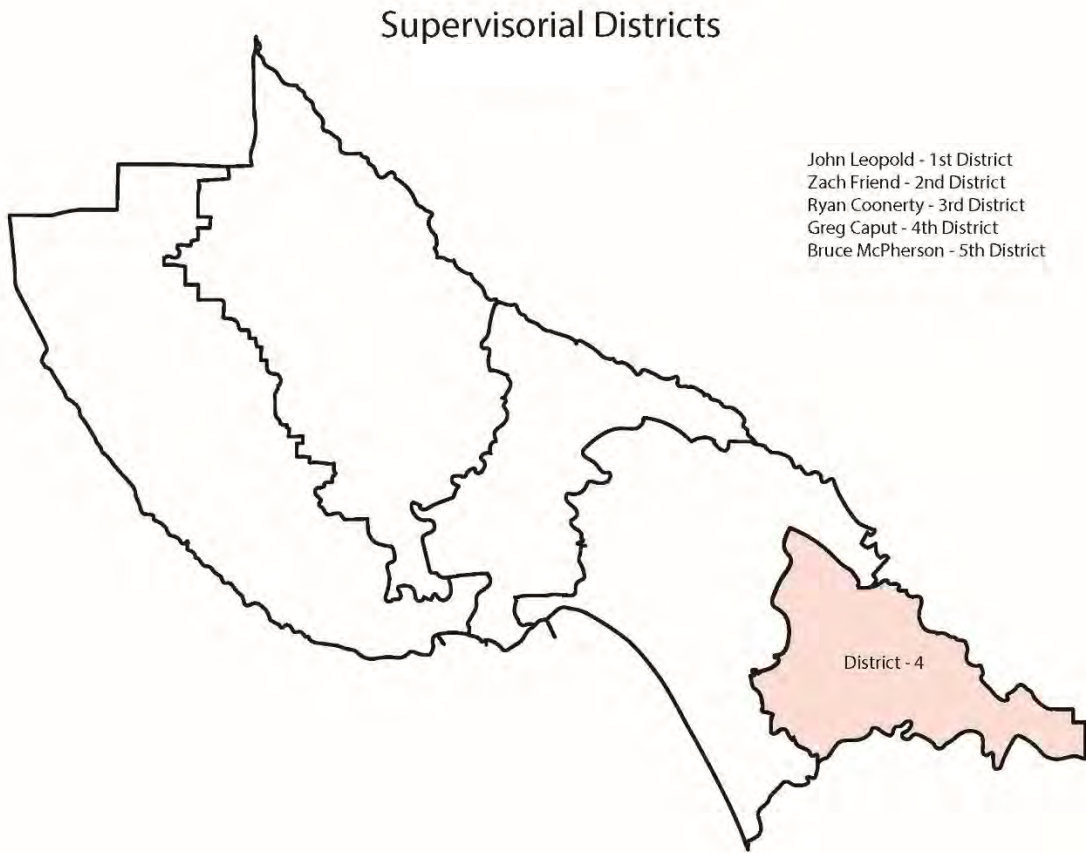
**DESCRIPTION:** The Twin Lakes Beachfront Project is a public access improvement project along East Cliff Drive between 5th and 7th Avenue. The project includes realigning East Cliff Drive to the north within the County right-of-way, bicycle lanes, pedestrian improvements including a ramp and stairway to the beach, public parking, traffic improvements, landscaping, and a coastal bluff protection structure.



<b>PROJECT COST ESTIMATE:</b>	\$7,315,971	
<b>FUNDING TO DATE:</b>	\$7,315,971	
<b>CURRENT FUNDING SOURCES:</b>	\$50,000	County Road Fund
	\$3,455,569	Prior Year Rollover

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$3,810,402	\$3,505,569					\$7,315,917

**DISTRICT 4 – PROGRAMMED PROJECTS**



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R4086**  
**PROJECT NUMBER P40264**

**SUPERVISORIAL DISTRICTS 2 and 4**

**GREEN VALLEY ROAD  
 BRIDGE REPLACEMENT**



**PROJECT TYPE:** Bridge  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Design and Environmental

**LOCATION:** South County  
**PLANNING AREA:** Pajaro

**DESCRIPTION:** This project will provide for the replacement of the 25 foot long Green Valley Road Bridge over the Casserly Creek Tributary near Watsonville, due to its structural deficiency. The new bridge will be a single span concrete box girder with improved roadway approaches and fish passage.



**PROJECT COST ESTIMATE:** \$2,470,000  
**FUNDING TO DATE:** \$2,036,209  
**CURRENT FUNDING SOURCES:** \$1,800,000 Highway Bridge Program  
 \$180,000 County Road Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$56,209	\$1,980,000					\$2,036,209
In Construction FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R6558  
**PROJECT NUMBER** P21004

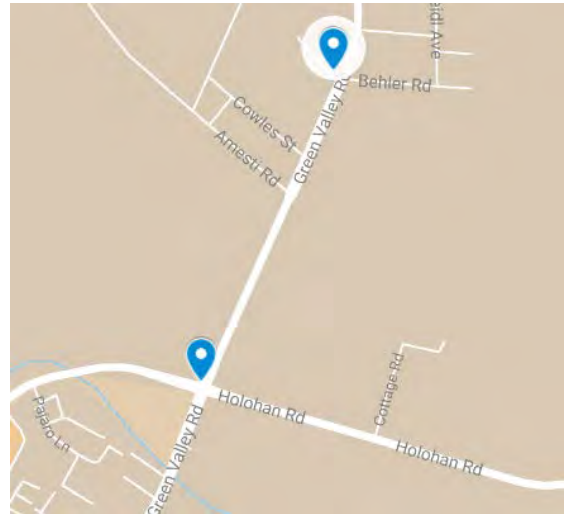
**SUPERVISORIAL DISTRICTS 2 & 4**

**GREEN VALLEY ROAD  
 PEDESTRIAN IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Pajaro Valley
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project is for curb, gutter, and sidewalk on Green Valley Road from Holohan Road to Pinto Lake Road.



<b>PROJECT COST ESTIMATE:</b>	\$106,000	
<b>FUNDING TO DATE:</b>	\$5,683	Transportation Development Act
<b>CURRENT FUNDING SOURCES:</b>	\$5,683	Transportation Development Act

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$5,683					\$5,683

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R4080**  
**PROJECT NUMBER P40573, P40228**

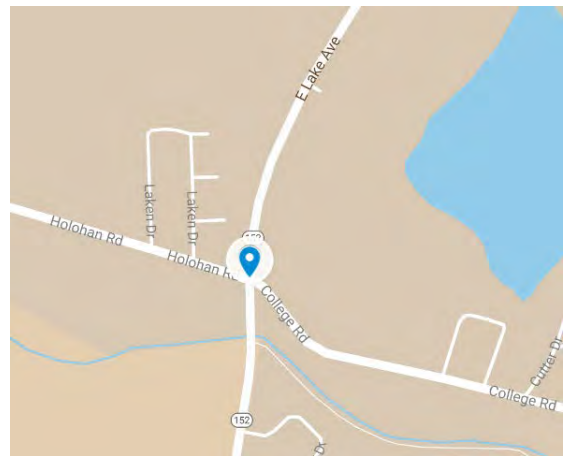
**SUPERVISORIAL DISTRICT 4**

**HOLOHAN ROAD AND HIGHWAY 152  
 INTERSECTION**



<b>PROJECT TYPE:</b>	Road	<b>LOCATION:</b>	South County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Pajaro Valley
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project is to construct school safety improvements for pedestrian and bike access to/from Lakeview Middle and St. Francis High School including: new sidewalks, bike lanes on Holohan Road and portions of Highway 152, new pedestrian crosswalks at all approaches to the new traffic signal, widen Holohan Road to include dual left turn lanes and an exclusive right turn to accommodate the dual left turns from Holohan Road, and widen a portion of Highway 152.



<b>PROJECT COST ESTIMATE:</b>	\$3,153,205	
<b>FUNDING TO DATE:</b>	\$2,222,437	
<b>CURRENT FUNDING SOURCES:</b>	\$91,000	Pajaro Valley Transportation Improvement Fund
	\$91,000	Pajaro Valley Roadside Improvement Fund
	\$500,000	Minor A

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$1,202,666	\$1,240,771					\$2,222,437
2017-18 FINISH DESIGN						

**DISTRICT 4 – COMPLETED PROJECT**

CIP NUMBER R4086  
PROJECT NUMBER P40260

SUPERVISORIAL DISTRICT 4

**CASSERLY ROAD  
BRIDGE REPLACEMENT**



**PROJECT TYPE:** Bridge  
**FINAL PROJECT COST:** \$360,000

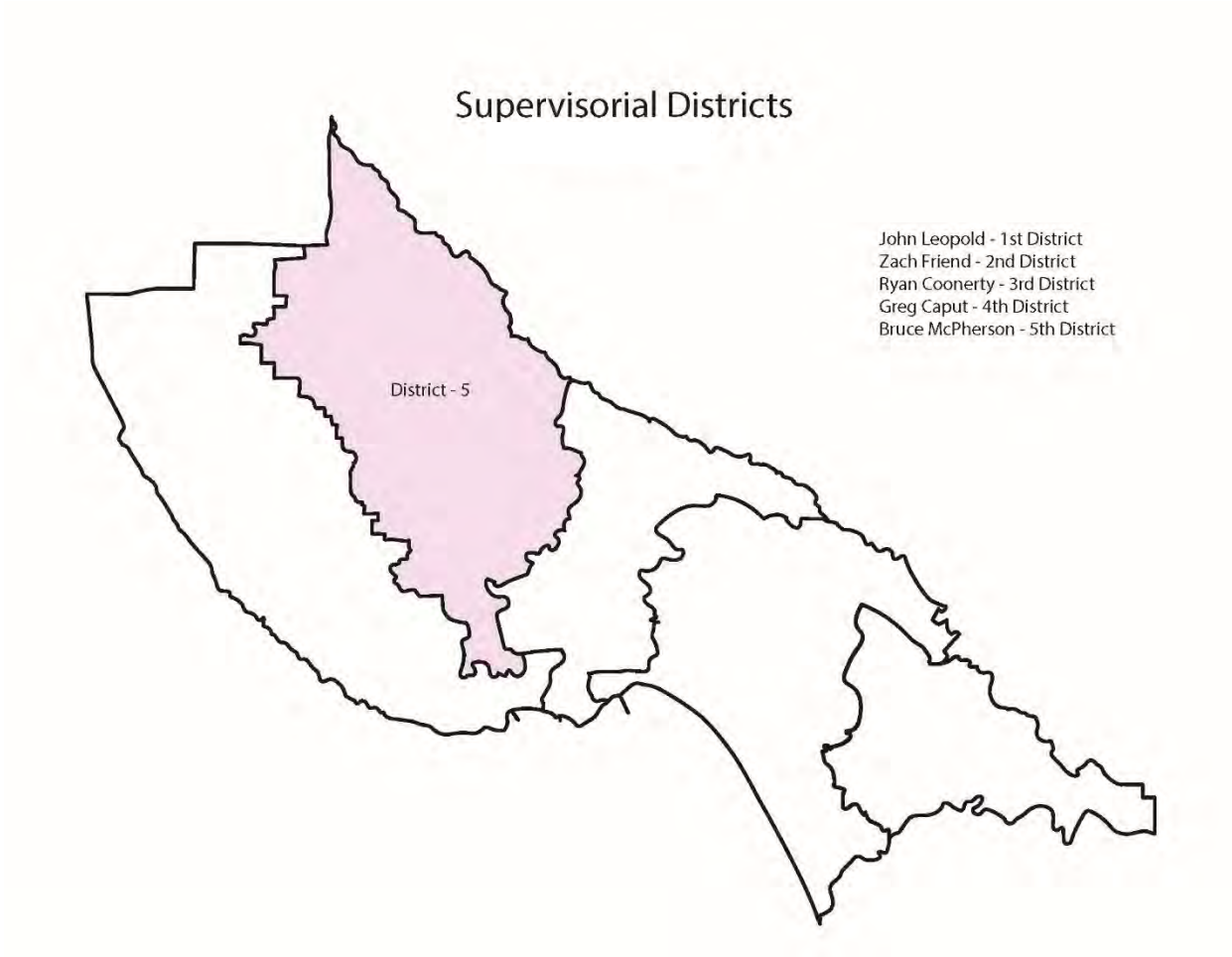
**LOCATION:** South County  
**PLANNING AREA:** Pajaro Valley



**PROJECT COMPLETED:**

The project replaced a 14' long aging concrete bridge in poor condition with a new two lane construction concrete slab. Was completed as an emergency storm damage project.

**DISTRICT 5 – PROGRAMMED PROJECTS**





**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

CIP NUMBER DP-095  
PROJECT NUMBER P79105

SUPERVISORIAL DISTRICT 5

**ALTA VIA ROAD  
PM 0.93 SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Under Construction		

**DESCRIPTION:** This project provides for the construction of a 48 lineal foot by 10 foot high steel soldier pile timber lagging retaining wall with soil tieback anchor assemblies, fabricated steel walers, gabion end closures, wall underdrain system, storm downdrain, gabion mattress energy dissipater, metal beam guard railing with terminal end systems, asphalt concrete dike, asphalt pavement repair and erosion control and revegetation.



<b>PROJECT COST ESTIMATE:</b>	\$953,000	
<b>FUNDING TO DATE:</b>	\$410,000	
<b>CURRENT FUNDING SOURCES:</b>	\$354,619	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$55,381	\$354,619					\$410,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

CIP NUMBER DP-072  
PROJECT NUMBER P79088

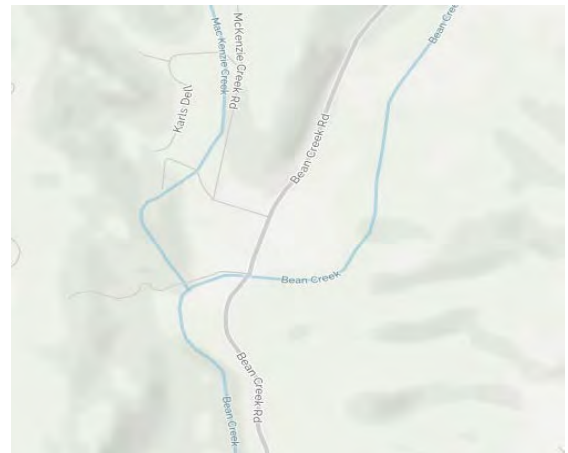
SUPERVISORIAL DISTRICT 5

**BEAN CREEK ROAD  
PM 1.0 SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Carbonera
<b>PROJECT STATUS:</b>	Design and Environmental		

**DESCRIPTION:** This project will provide for the repair of a 20 lineal-foot road slipout. The project scope includes the construction of a concrete crib retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



<b>PROJECT COST ESTIMATE:</b>	\$211,000	
<b>FUNDING TO DATE:</b>	\$192,975	
<b>CURRENT FUNDING SOURCES:</b>	\$167,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$25,975	\$167,000					\$192,975
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-021  
**PROJECT NUMBER** P48047

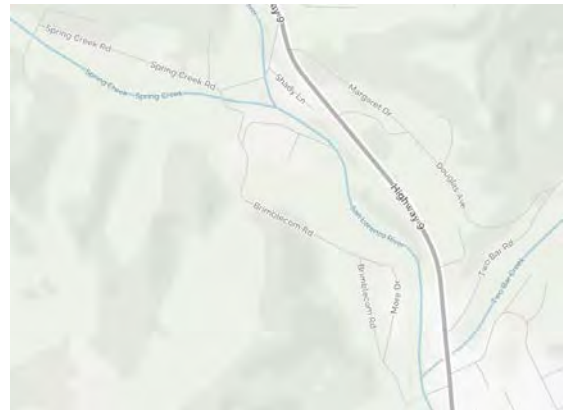
**SUPERVISORIAL DISTRICT 5**

**BRIMBLECOM ROAD BRIDGE REPLACEMENT  
 AT SAN LORENZO RIVER**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** The project is for the replacement of a 105' long single-lane, steel treadway bridge with a two-lane single span post tensioned concrete box girder bridge with improved roadway approach alignments.



<b>PROJECT COST ESTIMATE</b>	\$2,746,000	
<b>FUNDING TO DATE:</b>	\$20,000	
<b>CURRENT FUNDING SOURCES:</b>	\$2,000	County Road Funds
	\$18,000	Highway Bridge Program

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$0	\$20,000					\$20,000
Construction anticipated after 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-015  
**PROJECT NUMBER** P40595

**SUPERVISORIAL DISTRICT** 3 and 5

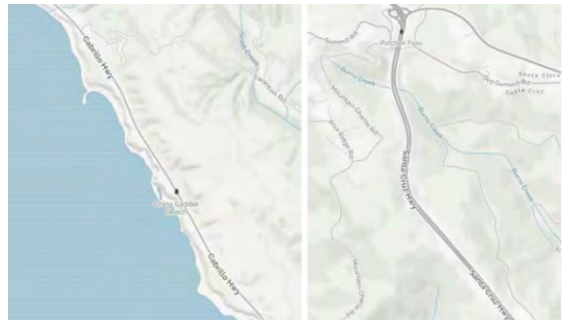
**CLEAN/PAINT STEEL BRIDGE MEMBERS  
 SWANTON AND OLD SANTA CRUZ HIGHWAY**



**PROJECT TYPE:** Bridge  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Design and Environmental

**LOCATION:** North County  
**PLANNING AREA:** Summit and North Coast

**DESCRIPTION:** The project provides for blast cleaning and painting of steel girders and piling on the Swanton Road Bridge over Scott Creek and the sidehill viaduct on Old Santa Cruz Highway.



**PROJECT COST ESTIMATE** \$410,000  
**FUNDING TO DATE:** \$288,928  
**CURRENT FUNDING SOURCES:** \$54,000 County Road Fund  
 \$218,000 Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$16,928	\$272,000					\$288,928
In Construction FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R5589**  
**PROJECT NUMBER P40375**

**SUPERVISORIAL DISTRICT 5**

**CONFERENCE DRIVE BRIDGE  
 SCOUR MITIGATION**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design and Environmental		

**DESCRIPTION:** This project is to repair a scour hole that has undermined an existing pier footing on the Conference Drive Bridge over Zayante Creek. Construction will consist of creating a stream diversion to isolate the work area. After the area is dewatered, contractor will construct a concrete cutoff wall in the front of the existing footing. Rock slope protection will be placed in front of cutoff wall to prevent future undermining.



<b>PROJECT COST ESTIMATE:</b>	\$413,000	
<b>FUNDING TO DATE:</b>	\$296,235	
<b>CURRENT FUNDING SOURCES:</b>	\$56,000	State Match Exchange Fund
	\$225,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$15,235	\$281,000					\$296,235
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-016  
**PROJECT NUMBER** P40596

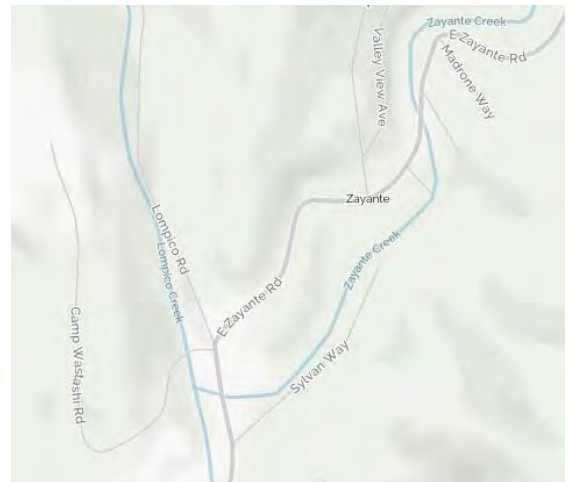
**SUPERVISORIAL DISTRICT 5**

**EAST ZAYANTE ROAD  
 CONCRETE BRIDGE SPALL REPAIR**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design and Environmental		

**DESCRIPTION:** This project will repair the existing bridge on East Zayante Road at Zayante Creek. The repair will involve chipping away loose materials to get to sound concrete in spalled areas, sandblasting the rebar to remove corrosion, painting a zinc-rich primer onto the exposed rebar, then patching the concrete with a fast set mortar or other concrete suitable for the application.



<b>PROJECT COST ESTIMATE:</b>	\$110,000	
<b>FUNDING TO DATE:</b>	\$73,473	
<b>CURRENT FUNDING SOURCES:</b>	\$13,000	State Match Exchange Fund
	\$52,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$8,473	\$65,000					\$73,473
In Construction FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-006  
**PROJECT NUMBER** P40150

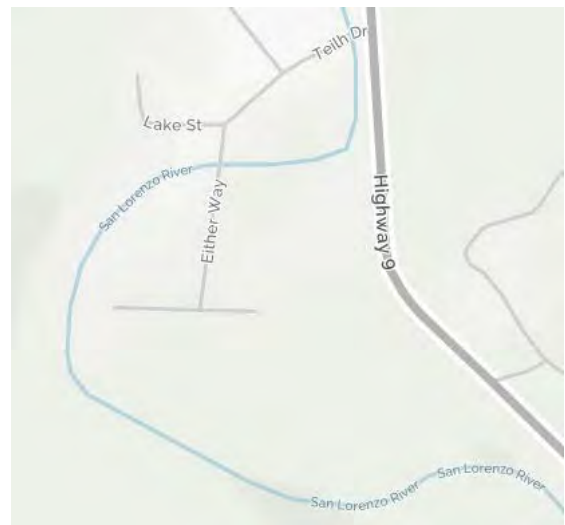
**SUPERVISORIAL DISTRICT 5**

**EITHER WAY  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the replacement of the 59 foot long Either Way Bridge over the San Lorenzo River, north of Boulder Creek, due to substandard geometry and structural deficiency. The project will consist of completely replacing the narrow, load limited, single lane bridge with a new two lane bridge to meet current standards.



<b>PROJECT COST ESTIMATE:</b>	\$2,114,000	
<b>FUNDING TO DATE:</b>	\$97,745	
<b>CURRENT FUNDING SOURCES:</b>	\$5,000	State Match Exchange Fund
	\$45,000	Highway Bridge Program

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$47,745	\$50,000					\$97,745
Construction anticipated to begin FY 2020-21						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER DP-076**  
**PROJECT NUMBER P79092**

**SUPERVISORIAL DISTRICT 5**

**FELTON EMPIRE ROAD PM 2.58  
 SLIPOUT**



**PROJECT TYPE:** Disaster Recovery Project  
**FUNDING STATUS:** Partially Funded  
**PROJECT STATUS:** Construction

**LOCATION:** North County  
**PLANNING AREA:** San Lorenzo Valley

**DESCRIPTION:** This project provides for the repair of a 40 lineal-foot road slipout. The project scope includes the construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



**PROJECT COST ESTIMATE:** \$515,000  
**FUNDING TO DATE:** \$479,009  
**CURRENT FUNDING SOURCE:** \$2,000

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$15,276	\$463,733					\$479,009
Construction 2017-18						



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-007  
**PROJECT NUMBER** P40353

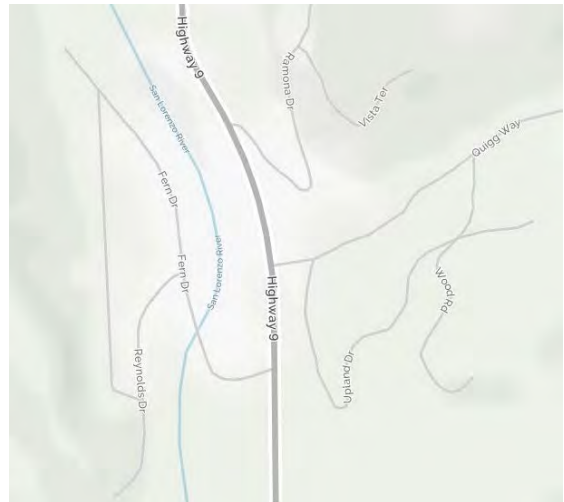
**SUPERVISORIAL DISTRICT 5**

**FERN DRIVE  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the replacement of the 72 foot long Fern Drive Bridge over the San Lorenzo River near Boulder Creek, due to its substandard geometry and structural deficiency. The project will replace the narrow single lane bridge with a single span concrete box girder bridge to meet current standards and improved roadway approach alignments.



<b>PROJECT COST ESTIMATE:</b>	\$2,131,000	
<b>FUNDING TO DATE:</b>	\$110,328	
<b>CURRENT FUNDING SOURCES:</b>	\$5,000	State Match Exchange Fund
	\$45,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$60,328	\$50,000					\$110,328
Construction anticipated to begin FY 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-008  
**PROJECT NUMBER** P40352

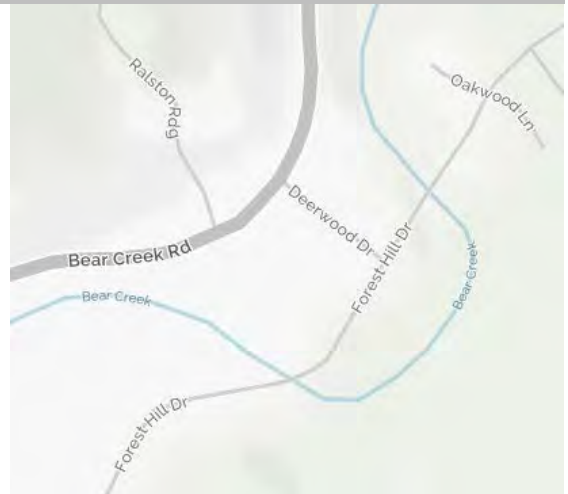
**SUPERVISORIAL DISTRICT 5**

**FOREST HILL DRIVE  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the replacement of the 70 foot long Forest Hill Drive Bridge over Bear Creek northeast of the Town of Boulder Creek, due to its structural deficiency. The new bridge will be a single span slab bridge to current design standards.



<b>PROJECT COST ESTIMATE:</b>	\$1,981,000	
<b>FUNDING TO DATE:</b>	\$89,281	
<b>CURRENT FUNDING SOURCES:</b>	\$5,000	State Match Exchange Fund
	\$45,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$39,281	\$50,000					\$89,281
Construction will not begin until after FY 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

CIP NUMBER DP-071  
PROJECT NUMBER P79144

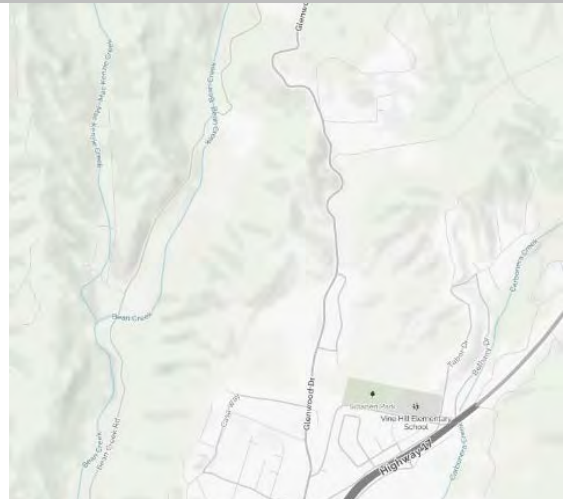
SUPERVISORIAL DISTRICT 5

**GLENWOOD DRIVE PM 0.21  
SLIPOUT**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Carbonera
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the repair of a 40 lineal-foot road slipout. The project scope includes the construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



<b>PROJECT COST ESTIMATE:</b>	\$553,800	
<b>FUNDING TO DATE:</b>	\$61,243	
<b>CURRENT FUNDING SOURCES:</b>	\$50,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$11,243	\$50,000					\$61,243
Construction anticipated to begin FY 2018-19						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R1500**  
**PROJECT NUMBER P48042**

**SUPERVISORIAL DISTRICT 5**

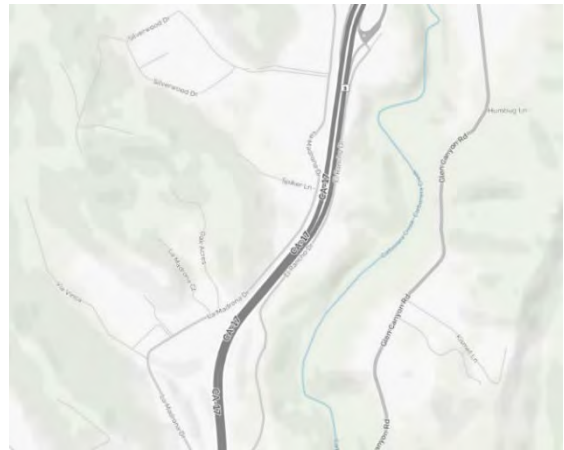
**LA MADRONA  
 GUARDRAIL REPLACEMENT**



**PROJECT TYPE:** Guardrail  
**FUNDING STATUS:** Funded  
**PROJECT STATUS:** Construction

**LOCATION:** North County  
**PLANNING AREA:** Carbonera

**DESCRIPTION:** This project is to design and construct a new guardrail on La Madrona Drive at 0.2 miles south of Silverwood Drive and new guardrail at the location of existing substandard guardrail on La Madrona Drive near Via Vinca.



**PROJECT COST ESTIMATE:** \$352,000  
**FUNDING TO DATE:** \$352,000  
**CURRENT FUNDING SOURCES:** \$320,000 Highway Safety Improvement Program  
 \$32,000 County Road Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$352,000					\$352,000
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-012  
**PROJECT NUMBER** P40576

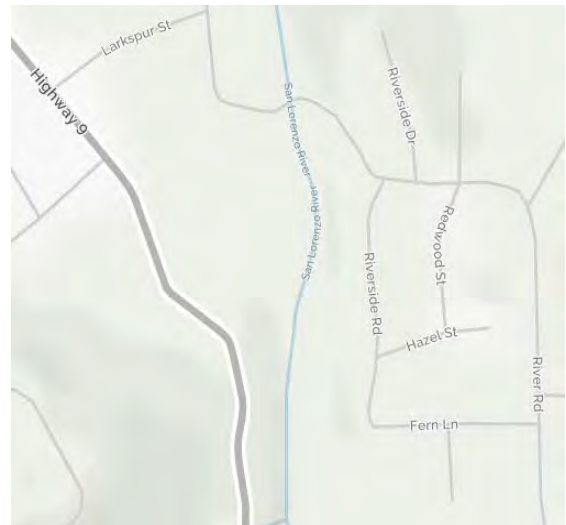
**SUPERVISORIAL DISTRICT 5**

**LARKSPUR STREET  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design and Environmental		

**DESCRIPTION:** The project is to completely replace the Larkspur Street Bridge over the San Lorenzo River in the Town of Brookdale, due to its substandard deck geometry and being scour critical. The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane bridge and standard bridge approaches.



<b>PROJECT COST ESTIMATE:</b>	\$3,809,000	
<b>FUNDING TO DATE:</b>	\$80,629	
<b>CURRENT FUNDING SOURCES:</b>	\$6,000	State Match Exchange Fund
	\$54,000	Highway Bridge Program

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$20,629	\$60,000					\$80,629
Construction anticipated after FY 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-020  
**PROJECT NUMBER** P40148

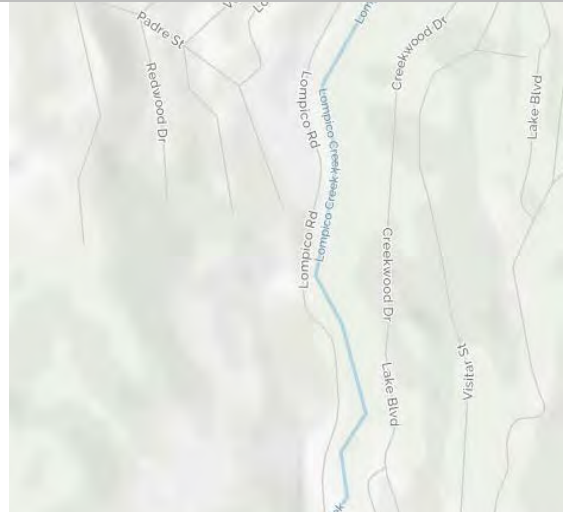
**SUPERVISORIAL DISTRICT 5**

**LOMPICO ROAD  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the replacement of the 21 foot Lompico Road Bridge over Lompico Creek at Creekwood Drive, north of the Town of Felton, due to its substandard geometry and structural deficiency. The new bridge will be a single span concrete slab bridge to meet current standards and improve fish passage.



<b>PROJECT COST ESTIMATE:</b>	\$1,630,000	
<b>FUNDING TO DATE:</b>	\$105,000	
<b>CURRENT FUNDING SOURCES:</b>	\$94,000	Highway Bridge Program
	\$11,000	County Road Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$105,000					\$105,000
Construction anticipated to begin FY 2020-21						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER DP-080**  
**PROJECT NUMBER P79104**

**SUPERVISORIAL DISTRICT 5**

**MT. CHARLIE ROAD PM 3.63  
 SLIPOUT**



**PROJECT TYPE:** Disaster Recovery  
**FUNDING STATUS:** Fully Funded  
**PROJECT STATUS:** Construction

**LOCATION:** North County  
**PLANNING AREA:** Skyline

**DESCRIPTION:** This project will provide for the repair of a 50 lineal-foot road slipout. The project scope includes the construction of a steel soldier pile and timber lagging retaining wall, installation of guard rail, road drainage facilities, and erosion control measures.



**PROJECT COST ESTIMATE:** \$604,000  
**FUNDING TO DATE:** \$552,090  
**CURRENT FUNDING SOURCES:** \$500,000 Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$52,090	\$500,000					\$552,090
Construction anticipated to begin FY 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R5580**  
**PROJECT NUMBER P40307**

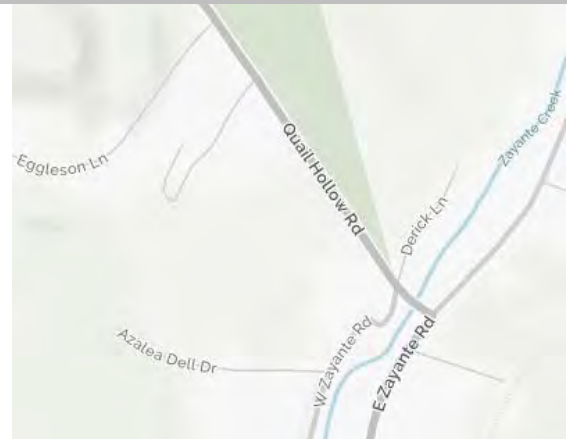
**SUPERVISORIAL DISTRICT 5**

**QUAIL HOLLOW ROAD  
 BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS</b>	Fully Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design, Environmental, and Right-of-Way		

**DESCRIPTION:** This project will provide for the replacement of the 84 foot long Quail Hollow Road Bridge over Zayante Creek, northeast of the Town of Felton, due to its substandard geometry and structural deficiency. The new bridge will be a single span concrete box girder with improved roadway approach alignment.



<b>PROJECT COST ESTIMATE:</b>	\$3,272,000	
<b>FUNDING TO DATE:</b>	\$31,811	
<b>CURRENT FUNDING SOURCES:</b>	\$2,500	State Match Exchange Fund
	\$25,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$4,311	\$27,500					\$31,811
Construction anticipated to begin FY 2019-20						



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** BP-010  
**PROJECT NUMBER** P40154

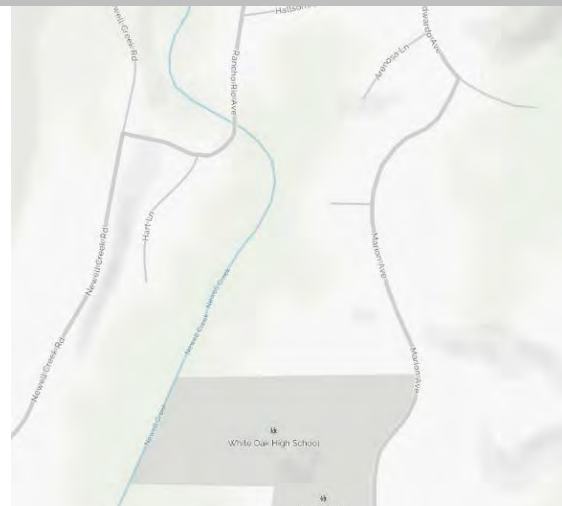
**SUPERVISORIAL DISTRICT 5**

**RANCHO RIO AVENUE  
BRIDGE REPLACEMENT**



<b>PROJECT TYPE:</b>	Bridge	<b>LOCATION:</b>	North County
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	San Lorenzo Valley
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** This project will provide for the replacement of the 38 foot long Rancho Rio Avenue Bridge over Newell Creek in Ben Lomond, due to its substandard deck geometry and being scour critical. The project will consist of completely replacing the existing narrow one lane bridge with a two lane bridge and improved roadway approaches.



<b>PROJECT COST ESTIMATE:</b>	\$1,676,000	
<b>FUNDING TO DATE:</b>	\$45,937	
<b>CURRENT FUNDING SOURCES:</b>	\$2,500	State Match Exchange Fund
	\$25,000	Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$18,437	\$27,500					\$45,937
Construction anticipated after FY 2021-22						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER R5587**  
**PROJECT NUMBER P40172**

**SUPERVISORIAL DISTRICT 5**

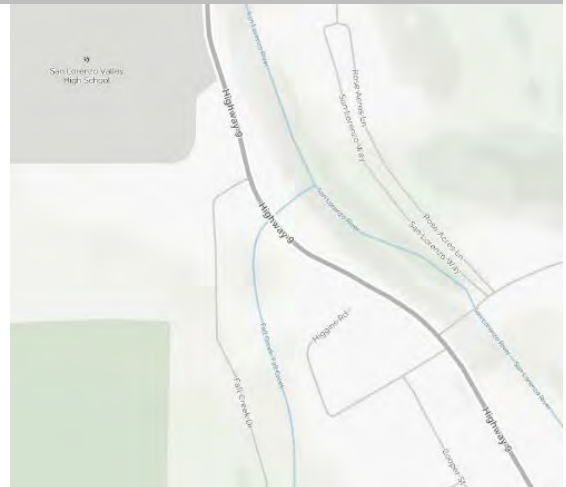
**SAN LORENZO WAY  
 BRIDGE REPLACEMENT**



**PROJECT TYPE:** Bridge  
**FUNDING STATUS:** Partial Funding  
**PROJECT STATUS:** Design, Environmental, ROW

**LOCATION:** North County  
**PLANNING AREA:** San Lorenzo Valley

**DESCRIPTION:** The project is to replace the San Lorenzo Way Bridge, over San Lorenzo River in Felton, due to its substandard load capacity, deck geometry, approach alignment and structural deficiency. The project will consist of completely replacing the existing one lane structure and roadway approaches with a two lane clear span concrete box girder bridge and standard bridge approaches.



**PROJECT COST ESTIMATE:** \$3,088,000  
**FUNDING TO DATE:** \$2,375,053  
**CURRENT FUNDING SOURCES:** \$214,000 State Match Exchange Fund  
 \$2,101,000 Highway Bridge Program

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$60,053	\$2,315,000					\$2,375,053
Construction anticipated to begin FY 2018-19						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R6558  
**PROJECT NUMBER** P40605, P40606, P40607

**SUPERVISORIAL DISTRICTS 1 & 5**

**STRIPING AND GUARDRAIL IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	County Wide
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	County Wide
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This is for three Highway Safety Improvement Program (HSIP) projects for upgraded guardrail and striping in three geographical areas encompassing the entire county, North, Middle, and South. The three projects will be designed and constructed concurrently.

<u>Project</u>	<u>Striping (mi.)</u>	<u>Guardrail (ft.)</u>	
North	38.5	1,215	Guardrail on La Madrona Drive
Central	18.6	3,706	Guardrail on El Rancho Drive
South	12.3	0	

<b>PROJECT COST ESTIMATES:</b>	NORTH COUNTY	\$1,108,000
	MID COUNTY	\$1,129,600
	SOUTH COUNTY	\$368,500
<b>FUNDING TO DATE:</b>		\$213,258
<b>CURRENT FUNDING SOURCES:</b>	\$145,300	Highway Safety Improv. Program

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$67,958	\$145,300					\$213,258
Construction anticipated to begin FY 2018-19						

DISTRICT 5 – COMPLETED PROJECTS

CIP NUMBER B5510  
PROJECT NUMBER P21010

SUPERVISORIAL DISTRICT 5

**BOULDER CREEK ELEMENTARY SCHOOL  
PEDESTRIAN AND PARKING IMPROVEMENTS**



**PROJECT TYPE:** Pedestrian Safety Improvements **LOCATION:** North County  
**FINAL PROJECT COST:** \$756,000 **PLANNING AREA:** San Lorenzo Valley



**PROJECT COMPLETED:**

The project consisted of cement concrete sidewalks, diagonal parking, a student drop-off/pick up zone and drainage improvements along Laurel Street adjacent to the school frontage between Harmon Street and Lomond Street. Additional sidewalks on Harmon Street from Laurel Street to the secondary school access at the tennis courts were included in the project. An asphalt walkway on the south side of Harmon Street from Laurel Street to Oak Street was constructed as well with connection via an accessible ramp and a standard yellow school crosswalk at the Laurel Street and Harmon Street intersection. The sidewalk improvements adjacent to the school property required cement concrete retaining walls about three feet high along Harmon Street, and from three feet to five feet high on Laurel Street.

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER R5586  
PROJECT NUMBER P40170

SUPERVISORIAL DISTRICT 5

## OLD COUNTY ROAD BRIDGE REPLACEMENT



**PROJECT TYPE:** Bridge  
**FINAL PROJECT COST:** \$1,986,388

**LOCATION:** North County  
**PLANNING AREA:** San Lorenzo Valley



**PROJECT COMPLETED IN FY 2016-2017:**  
This project provided for the replacement of the Old County Road Bridge over Earl Creek in Ben Lomond. The existing bridge was a structurally deficient timber bridge. The new bridge is a single span, ninety-nine foot long by twenty-five and a half foot wide reinforced concrete box girder bridge with improved roadway approaches. Additional work included approximately 200 lineal feet of reconstructed roadway with soldier pile retaining walls and drainage improvements.

ALL DISTRICTS – PROGRAMMED PROJECTS



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** TBD  
**PROJECT NUMBER** P76500

**SUPERVISORIAL DISTRICT** Countywide

**2016-2017  
STORM DAMAGE**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	Countywide
<b>FUNDING STATUS:</b>	TBD	<b>PLANNING AREA:</b>	Countywide
<b>PROJECT STATUS:</b>	TBD		

**DESCRIPTION:** This project includes 230 disaster-related projects from the 2016-2017 storms. As individual projects are identified and approved for funding, separate project numbers will be assigned.

<b>PROJECT COST ESTIMATE:</b>	TO BE DETERMINED	
<b>FUNDING TO DATE:</b>	\$17,991,086	
<b>CURRENT FUNDING SOURCES:</b>	FHWA, FEMA, CalOES	\$15,000,000
	County Road Fund	\$1,820,060
	General Fund	\$1,000,000

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$99,026	\$17,820,060					\$17,991,086

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER** R9001  
**PROJECT NUMBER** P40110, P40122, P40128, P40134

**COUNTYWIDE**

**DISABILITY ACCESS FACILITIES  
 ENGINEERING AND CONSTRUCTION**



<b>PROJECT TYPE:</b>	Pedestrian Safety	<b>LOCATION:</b>	Countywide
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	Various
<b>PROJECT STATUS:</b>	Design		

**DESCRIPTION:** This project consists of design and construction of ADA ramps, landings, and curb at various locations in Aptos, Live Oak, Pajaro Valley, and Soquel Planning Areas.

<b>PROJECT COST ESTIMATE:</b>	\$143,285	
<b>FUNDING TO DATE:</b>	\$143,285	
<b>CURRENT FUNDING SOURCES:</b>	\$27,310	Aptos Roadside Improvement Fund
	\$60,000	Live Oak Roadside Improvement Fund
	\$20,000	Pajaro Valley Roadside Improvement Fund
	\$20,000	Soquel Roadside Improvement Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$15,975	\$127,310					\$143,285



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

CIP NUMBER R9000  
PROJECT NUMBER P25510

SUPERVISORIAL DISTRICT Countywide

**MARCH 2011 STORMS  
VARIOUS PROJECTS**



<b>PROJECT TYPE:</b>	Disaster Recovery Project	<b>LOCATION:</b>	Countywide
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Countywide
<b>PROJECT STATUS:</b>	Design & Environmental		

**DESCRIPTION:** Design for various disaster projects from the March 2011 storms.

<b>PROJECT COST ESTIMATE:</b>	\$9,316,342	
<b>FUNDING TO DATE:</b>	\$250,000	
<b>CURRENT FUNDING SOURCES:</b>	\$250,000	Insurance

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$250,000					\$250,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**SECTION III  
FINANCING SUMMARY**

**APTOS TRANSPORTATION IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
R0052	APTOS VILLAGE PLAN IMPROVEMENTS- PHASE I	105,000
B0006	STATE PARK DRIVE AT STATE PARK ENTRANCE	185,000
	TOTAL	<u>290,000</u>

**LIVE OAK TRANSPORTATION IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
B3057	30TH AVENUE FROM SCRIVER STREET TO PORTOLA DRIVE	50,000
B3058	38TH AVENUE FROM PORTOLA DRIVE TO RR XING	60,000
B3060	HOWE STREET/WINKLE AVENUE	59,140
B3062	SOQUEL AVENUE FROM MATTISON LANE TO S RODEO GULCH ROAD	150,000
	TOTAL	<u>319,140</u>

**PAJARO VALLEY TRANSPORTATION IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
R4080	HOLOHAN ROAD AT HIGHWAY 152	136,398
	TOTAL	<u>136,398</u>

**REGIONAL SURFACE TRANSPORTATION PROGRAM EXCHANGE**

<u>CIP #</u>	<u>DESCRIPTION</u>	
B0006	STATE PARK DRIVE AT STATE PARK ENTRANCE	587,000
	TOTAL	<u>587,000</u>

**SOQUEL TRANSPORTATION IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
R6558	MAIN STREET IMPROVEMENTS	247,477
	TOTAL	<u>247,477</u>

**APTOS ROADSIDE IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
B0006	STATE PARK DRIVE AT STATE PARK ENTRANCE	200,000
R0052	APTOS VILLAGE PLAN IMPROVEMENTS - PHASE II	200,000
R9001	ADA ACCESSIBILITY PROJECTS	27,310
	TOTAL	<u>427,310</u>

**PAJARO VALLEY ROADSIDE IMPROVEMENT FUND**

<u>CIP #</u>	<u>DESCRIPTION</u>	
R9001	ADA ACCESSIBILITY PROJECTS	20,000
R4080	HOLOHAN ROAD/HIGHWAY 152	38,373
	TOTAL	<u>58,373</u>

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**LIVE OAK ROADSIDE IMPROVEMENT FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R3046	SIDEWALK INFILL PROJECTS	54,566
R9001	ACCESSIBILITY PROJECTS	60,000
B3057	30TH AVENUE FROM SCRIVER STREET TO PORTOLA DRIVE	75,000
B3058	38TH AVENUE FROM PORTOLA DR TO RAILROAD CROSSING	20,000
B3060	HOWE STREET AT WINKLE AVENUE	75,000
B3062	SOQUEL AVENUE FROM MATTISON LANE TO S RODEO GULCH ROAD	150,000
B3064	BROMMER STREET AT BULB AVENUE	100,000
	TOTAL	<u>534,566</u>

**SOQUEL ROADSIDE IMPROVEMENT FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R6558	MAIN STREET IMPROVEMENTS	554,525
R9001	ADA ACCESSIBILITY PROJECTS	20,000
	TOTAL	<u>574,525</u>

**TRANSPORTATION DEVELOPMENT ACT FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
B0006	STATE PARK DRIVE AT STATE PARK ENTRANCE	257,637
	RIO DEL MAR ELEMENTARY -PINEHURST DRIVE AT GREENBRIER DRIVE	85,000
R4060	GREEN VALLEY PEDESTRIAN IMPROVEMENTS	5,683
	TOTAL	<u>348,320</u>

**CSA 9 HIGHWAY SAFETY AND LIGHTING FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R4080	HOLOHAN ROAD AT HIGHWAY 152 - Signal upgrade	350,000
R0052	APTOS VILLAGE TRAFFIC SIGNALS - PHASE I & II	350,000
	TOTAL	<u>700,000</u>

**CSA 9A RESIDENTIAL LIGHTING FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
B0006	STATE PARK DRIVE FROM PARK ENTRANCE TO HIGHWAY 1	100,000
	TOTAL	<u>100,000</u>

**STATE GAS TAX**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
BP004	DESIGN - TWO BAR BRIDGE	2,000
BP015	SWANTON, OLD SC HWY - CLEAN/PAINT STEEL BRIDGE MEMBERS	54,000
BP016	CONCRETE SPALL REPAIR (E. ZAYANTE RD) - CONST.	13,000
R4060	GREEN VALLEY RD BRIDGE REPLACE/CASSERLY CREEK (DESIGN)	180,000
BP020	LOMPICO RD BRIDGE REPLACEMENT	11,000
BP021	BRIMBLECOME BRIDGE REPLACEMENT	2,000
R4086	CASSERLY RD BRIDGE REPLACEMENT - DESIGN	30,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

R1500	LA MADRONA GUARDRAIL	32,000
B3071	PINEHURST/GREENBRIER SIDEWALK INFILL	20,000
	TWIN LAKES IMPROVEMENTS	50,000
R9008	EAST CLIFF DRIVE CAPE SEAL	98,000
	STORM DAMAGE REPAIRS 2016/17 STORM EVENT	1,820,060
	TOTAL	<u>2,312,060</u>

**STATE MATCH EXCHANGE FUND**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R5589	CONFERENCE DRIVE BRIDGE SCOUR MITIGATION (CONST)	56,000
BP006	EITHER WAY LN BRIDGE REPLACEMENT/SAN LORENZO R. (DESIGN)	5,000
BP007	FERN DR BRIDGE REPLACEMENT/SAN LORENZO RIVER (DESIGN)	5,000
BP008	FOREST HILL BRIDGE REPLACEMENT/BEAR CREEK (DESIGN)	5,000
BP010	RANCHO RIO AVE BRIDGE REPLACEMENT/NEWELL CREEK (DESIGN)	2,500
BP011	REDWOOD RD BRIDGE REPLACE/BROWNS CREEK TRIBUTARY (DESIGN)	20,000
R5587	SAN LORENZO BRIDGE REPLACE/SAN LORENZO RIVER (CONST)	214,000
BP012	LARKSPUR ST BRIDGE REPLACEMENT/SAN LORENZO RIVER (DESIGN)	6,000
BP013	SWANTON BRIDGE REPLACEMENT (DESIGN)	5,000
R5580	QUAIL HOLLOW RD BRIDGE REPLACEMENT/ZAYANTE CREEK	2,500
	TOTAL	<u>321,000</u>

**FEDERAL EMERGENCY RELIEF FUNDS (FHWA)**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
TBD & DP381	EUREKA CANYON ROAD PM 0.36 and MAIN STREET PM 1.10	737,000
	EMERGENCY ROAD OPENING PROJECTS	11,584,654
	TOTAL	<u>12,321,654</u>

**HIGHWAY BRIDGE PROGRAM (HBP)**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
BP004	DESIGN - TWO BAR BRIDGE	18,000
BP015	SWANTON, OLD SC HWY - CLEAN/PAINT STEEL BRIDGE MEMBERS	218,000
BP016	CONCRETE SPALL REPAIR (E. ZAYANTE RD) - CONST.	52,000
R5589	CONFERENCE DRIVE BRIDGE SCOUR MITIGATION (CONST)	225,000
BP006	EITHER WAY LN BRIDGE REPLACEMENT/SAN LORENZO R. (DESIGN)	45,000
BP007	FERN DR BRIDGE REPLACEMENT/SAN LORENZO RIVER (DESIGN)	45,000
BP008	FOREST HILL BRIDGE REPLACEMENT/BEAR CREEK (DESIGN)	45,000
R4086	GREEN VALLEY RD BRIDGE REPLACE/CASSERLY CREEK (DESIGN)	1,800,000
BP010	RANCHO RIO AVE BRIDGE REPLACEMENT/NEWELL CREEK (DESIGN)	25,000
BP011	REDWOOD RD BRIDGE REPLACE/BROWNS CREEK TRIBUTARY (DESIGN)	200,000
R5587	SAN LORENZO BRIDGE REPLACE/SAN LORENZO RIVER (CONST)	2,101,000
BP012	LARKSPUR ST BRIDGE REPLACEMENT/SAN LORENZO RIVER (DESIGN)	54,000
BP013	SWANTON BRIDGE REPLACEMENT (DESIGN)	45,000

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

R5580	QUAIL HOLLOW RD BRIDGE REPLACEMENT/ZAYANTE CREEK	25,000
BP020	LOMPICO RD BRIDGE REPLACEMENT	94,000
BP021	BRIMBLECOME BRIDGE REPLACEMENT	18,000
	TOTAL	<u>5,010,000</u>

**REGIONAL SURFACE TRANSPORTATION PROGRAM**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R0052	APTOS VILLAGE PLAN IMPROVEMENTS - PHASE II	30,000
R9008	EAST CLIFF DRIVE CAPE SEAL	147,000
	TOTAL	<u>177,000</u>

**HIGHWAY SAFETY IMPROVEMENT PROGRAM**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
	GUARDRAIL AND STRIPING	145,300
R1500	LA MADRONA GUARDRAIL	320,000
	TOTAL	<u>465,300</u>

**INSURANCE**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
BP071	GLENWOOD DR PM 0.21 (DAF)	50,000
DP075	EUREKA CYN RD PM 0.36 (DAF)	36,000
DP081	MAIN ST PM 1.10 (DAF)	74,000
	STORM DAMAGE REPAIRS FROM MARCH 2011 STORM EVENT	250,000
DP080	MT CHARLIE PM 3.63	500,000
DP072	BEAN CREEK PM 1.0	167,000
DP086	MT VIEW RD PM 0.49	195,000
	TOTAL	<u>1,272,000</u>

**MINOR A**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
R4080	HOLOHAN RD / HWY 152 INTERSECTION - DESIGN	500,000
	TOTAL	<u>500,000</u>

**FEDERAL EMERGENCY MANAGEMENT AGENCY DISASTER RELIEF (FEMA)**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
	STORM DAMAGE REPAIRS 2016/17 STORM EVENT	11,250,000
	TOTAL	<u>11,250,000</u>

**CALIFORNIA OFFICE OF EMERGENCY SERVICES (CalOES)**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
	STORM DAMAGE REPAIRS 2016/17 STORM EVENT	3,750,000
	TOTAL	<u>3,750,000</u>

**VEHICLE IMPACT FEES**

<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>	
	STORM DAMAGE REPAIRS 2016/17 STORM EVENT	700,000
	TOTAL	<u>700,000</u>

**TOTAL PUBLIC WORKS CAPITAL IMPROVEMENTS FINANCING** **42,402,123**

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**SECTION IV  
UNPROGRAMMED PROJECTS**

<b>UNPROGRAMMED PROJECTS - DEPARTMENT OF PUBLIC WORKS</b>			
<b>APTOS - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b>CIP #</b>	<b>DESCRIPTION</b>		
R0011	CLUBHOUSE DR AT RIO DEL MAR INTERSECTION - Reconstruct and signalize	ARTERIAL	1,067,463
R0012	STATE PARK DR AT SEARIDGE RD - Signalization	ARTERIAL	426,985
R0018	CATHEDRAL DR FROM TROUT GULCH RD TO BURNS AVE - Widen shoulders	COLLECTOR	654,568
R0020	SUMNER AVE AT RIO DEL MAR BLVD INTERSECTION - Improvements	ARTERIAL	490,926
R0021	VALENCIA RD AT APTOS SCHOOL RD INTERSECTION - Improvements	COLLECTOR	490,926
R0024	SPRECKELS DR AND TREASURE ISLAND DR FROM SOQUEL DR TO APTOS BEACH DR - Widen for bike lanes and pedestrian improvement	COLLECTOR	436,379
R0028	RIO DEL MAR BLVD FROM BEACH DR TO CLIFF DR - Overlay	ARTERIAL	763,663
R0029	VALENCIA RD FROM TROUT GULCH RD TO COX RD - Overlay	COLLECTOR	872,757
R0030	CLUBHOUSE DR FROM RIO DEL MAR BLVD TO SUMNER AVE - Overlay	COLLECTOR	436,379
R0031	TROUT GULCH RD FROM VALENCIA RD TO LARSEN RD - Overlay	ARTERIAL	654,568
R0032	CLIFF DR FROM MARTIN DR TO THE END - Overlay	SELECT LOCAL	272,737
R0033	MOOSEHEAD DR FROM WINFIELD RD TO THE ESPLANADE - Overlay	COLLECTOR	272,737
R0034	SUMNER AVE FROM CLUBHOUSE DR TO SEASCAPE BLVD - Overlay	ARTERIAL	327,284
R0035	VALENCIA AVE FROM EAST ST TO EL CAMINO DEL MAR - Overlay	SELECT LOCAL	272,737
R0036	ESPLANADE FROM MOOSEHEAD DR TO APTOS BEACH DR - Overlay	SELECT LOCAL	163,642
R0037	CLIFF DR FROM RIO DEL MAR BLVD TO MARTIN DR - Overlay	SELECT LOCAL	163,642
R0039	POLO AVE FROM SOQUEL DR TO NORTH DR - Improvements	SELECT LOCAL	1,374,593
R0041	APTOS ST - Improvements	SELECT LOCAL	327,284
R0048	MAR VISTA DR/HIGHWAY 1 - Pedestrian/bikeway overpass	PED WALKWAY	8,727,575
R0085	SOQUEL DR AT EAST CABRILLO ACCESS RD - Signalization	ARTERIAL	426,985
		2017 Estimated Cost	18,623,829
		2022 Escalated Cost	20,486,212
		2027 Escalated Cost	22,534,833

<b>APTOS HILLS - UNPROGRAMMED ROAD IMPROVEMENTS</b>			
<b>APTOS HILLS - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b>CIP #</b>	<b>DESCRIPTION</b>		
R0501	LARKIN VALLEY RD - Overlay, widen shoulders	COLLECTOR	1,636,420
R0502	BUENA VISTA DR, City of Watsonville to Fiesta Way and Old Entrance Landfill - Overlay and drainage Improvements	COLLECTOR	600,021
R0503	VALENCIA RD FROM COX RD TO FREEDOM BLVD - Overlay	COLLECTOR	654,568
R0504	CALABASAS RD FROM WHITE RD TO MILE POST 3.0 - Overlay	COLLECTOR	818,210
R0505	VALENCIA SCHOOL RD FROM TROUT GULCH RD TO VALENCIA RD -	SELECT LOCAL	545,473
R0506	LARKIN VALLEY RD FROM HIGHWAY 1 TO BUENA VISTA DR - Overlay	COLLECTOR	654,568
R0507	LARKIN VALLEY RD FROM BUENA VISTA DR TO MANFRE RD - Overlay	COLLECTOR	545,473
		2017 Estimated Cost	5,454,734
		2022 Escalated Cost	6,000,208
		2027 Escalated Cost	6,600,228

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>BONNY DOON - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R1001	EMPIRE GRADE RD, 0.79 miles north of Heller Dr to Pine Flat Rd - Overlay	ARTERIAL	4,363,787
R1002	EMPIRE GRADE RD, FROM PM 1.7 to ALBA RD - Overlay	ARTERIAL	654,568
R1003	EMPIRE GRADE RD FROM ALBA RD TO PM 5.7 - Overlay	ARTERIAL	545,473
R1004	EMPIRE GRADE RD FROM PM 5.7 TO PM 10.4 - Overlay	ARTERIAL	545,473
R1005	EMPIRE GRADE RD FROM PM 10.4 TO PM 15.4 - Overlay	ARTERIAL	1,636,420
R1006	EMPIRE GRADE RD FROM PM 15.4 TO URBAN LIMITS - Overlay	ARTERIAL	654,568
R1007	SMITH GRADE FROM PM 1.17 to BONNY DOON RD - Overlay	COLLECTOR	981,852
R1009	WILDER RANCH BIKE & PEDESTRIAN PATH - Phase II	BIKE PATH	1,636,420
		2017 Estimated Cost	11,018,563
		2022 Escalated Cost	12,120,419
		2027 Escalated Cost	13,332,461

<b>CARBONERA - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R1501	LOCKEWOOD LN FROM GRAHAM HILL RD TO SCOTTS VALLEY CITY LIMIT	COLLECTOR	218,189
R1504	EL RANCHO DR, Entire Length - Overlay, Bike lanes	ARTERIAL	1,636,420
R1508	GRAHAM HILL RD FROM LOCKEWOOD LN TO SANTA CRUZ CITY LIMIT	ARTERIAL	1,636,420
R1509	LA MADRONA DR FROM EL RANCHO DR TO SCOTTS VALLEY CITY LIMIT	ARTERIAL	1,636,420
R1511	MOUNTAIN VIEW RD FROM BRANCIFORTE DR TO RODEO GULCH RD	COLLECTOR	381,831
R1512	BRANCIFORTE DR FROM VINE HILL RD TO PM 1.50 - Overlay	ARTERIAL	654,568
R1513	LOCKHART GULCH RD FROM SCOTTS VALLEY CITY LIMIT TO NELSON RD	COLLECTOR	381,831
R1514	LOCKHART GULCH FROM NELSON RD TO END - Overlay	COLLECTOR	436,379
R1515	LOCKEWOOD LN FROM GRAHAM HILL RD TO SCOTTS VALLEY CITY LIMIT	COLLECTOR	109,095
R1527	GRANITE CREEK RD - Overlay	COLLECTOR	960,716
R1528	GLENWOOD DR - Road reconstruction	ARTERIAL	106,746
		2017 Estimated Cost	8,158,617
		2022 Escalated Cost	8,974,479
		2027 Escalated Cost	9,871,927

<b>EUREKA CANYON - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R2002	EUREKA CANYON RD FROM PM 0.40 TO RIDER RD - Overlay	ARTERIAL	545,473
R2003	BUZZARD LAGOON RD, ENTIRE LENGTH - Overlay	SELECT LOCAL	654,568
R2004	RIDER RD, ENTIRE LENGTH - Overlay	SELECT LOCAL	545,473
R2006	CORRALITOS RD AT FREEDOM BLVD - Northbound right turn lane	COLLECTOR	218,189
		2017 Estimate Cost	1,963,704
		2022 Escalate Cost	2,160,075
		2027 Escalate Cost	2,376,082

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>LA SELVA BEACH - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R2502	MAR MONTE AVE, HIGHWAY 1 TO SAN ANDREAS RD - Improve shoulders	COLLECTOR	1,090,947
		2017 Estimated Cost	1,090,947
		2022 Escalated Cost	1,200,042
		2027 Escalated Cost	1,320,046

<b>LIVE OAK - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R3001	30TH AVE/BROMMER ST INTERSECTION - Signalization	ARTERIAL	381,831
R3007	MISSION DR, SOQUEL DR TO END - Overlay	COLLECTOR	381,831
R3013	7TH AVE AT BROMMER ST - Intersection signalization	ARTERIAL	327,284
R3017	THOMPSON AVE FROM CAPITOLA RD TO BROMMER ST - Overlay	SELECT LOCAL	272,737
R3021	WINKLE AVE FROM PARKER ST TO SOQUEL DR - Widen (also reconstruct existing asphalt concrete)	COLLECTOR	1,090,947
R3025	COMMERCIAL WAY FROM EAST TO MISSION DR - Improvements	SELECT LOCAL	436,379
R3027	FLORAL DR FROM 34th AVE TO 38th AVE - Improvements	SELECT LOCAL	436,379
R3029	HARPER ST FROM EL DORADO AVE TO END - Improvements	SELECT LOCAL	1,309,136
R3031	MATTISON LANE FROM CHANTICLEER AVE TO MACIEL AVE - Improvements	SELECT LOCAL	654,568
R3032	MATTISON LANE FROM SOQUEL DR TO END – Plan Line Improvements	SELECT LOCAL	545,473
R3033	MISSION DR, UPPER END - Improvements	SELECT LOCAL	436,379
R3036	35TH AVE FROM PORTOLA DR TO ROLAND DR - Improvements	SELECT LOCAL	490,926
R3037	32ND AVE FROM PORTOLA DR TO ROLAND DR - Improvements	SELECT LOCAL	490,926
R3038	ROLAND DR FROM 30TH AVE TO 35TH AVE - Improvements	SELECT LOCAL	490,926
R3039	36TH AVE FROM PORTOLA DR TO EAST CLIFF DR - Improvements	SELECT LOCAL	1,090,947
R3040	THOMPSON AVE FROM , SPRR TO CAPITOLA RD - Improvements	SELECT LOCAL	872,757
R3042	FRESNO ST FROM 26th AVE TO END - Improvements	SELECT LOCAL	654,568
R3043	LODE ST FROM 26th AVE TO END - Improvements	SELECT LOCAL	545,473
R3049	7TH AVE/EAST CLIFF DR INTERSECTION - Signalization	ARTERIAL	436,379
R3097	THURBER LANE FROM SOQUEL DR TO TWIN HILLS DR - Improvements	SELECT LOCAL	872,757
R3104	SOQUEL AVE AT CHANTICLEER AVE, Traffic Signal	ARTERIAL	436,379
R3105	COMMERCIAL WAY AT SOQUEL DR/THURBER LANE - Modify intersection and signal	ARTERIAL	266,866
R3106	CAPITOLA RD EXTENSION FROM CAPITOLA RD TO SOQUEL AVE - Pedestrian Improvements	SELECT LOCAL	106,746
		2017 Estimated Cost	14,073,079
		2022 Escalated Cost	15,480,387
		2027 Escalated Cost	17,028,426

<b>NORTH COAST - UNPROGRAMMED ROAD IMPROVEMENTS</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R3501	EMPIRE GRADE RD FROM JAMISON CREEK RD TO END - Overlay	ARTERIAL	42,615
		2017 Estimated Cost	42,615
		2022 Escalated Cost	46,876
		2027 Escalated Cost	51,564



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>PAJARO VALLEY - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u>CIP #</u>	<u>DESCRIPTION</u>		
R4001	PAULSEN RD FROM GREEN VALLEY RD TO CREEK - Improvements	SELECT LOCAL	1,636,420
R4003	AMESTI RD FROM PINTO ST TO VARNI RD - Improve shoulders	COLLECTOR	2,727,367
R4005	LAKEVIEW DR FROM HIGHWAY 129 to COLLEGE RD - Improve shoulders	ARTERIAL	1,963,704
R4007	COLLEGE RD, ENTIRE LENGTH - Improvements per Freedom Traffic Study	ARTERIAL	1,418,231
R4008	GREEN VALLEY RD FROM AMESTI RD TO PAULSEN RD	ARTERIAL	1,672,421
R4011	GREEN VALLEY RD FROM PAULSEN RD TO CASSERLY RD	ARTERIAL	1,636,420
R4013	BUENA VISTA DR AT BRADFORD RD INTERSECTION - Improvements	ARTERIAL	545,473
R4018	FREEDOM BLVD AT BUENA VISTA DR INTERSECTION	ARTERIAL	763,663
R4023	PIONEER RD AND VARNI RD, GREEN VALLEY RD TO CORRALITOS CREEK	COLLECTOR	469,107
R4024	CASSERLY RD FROM GREEN VALLEY RD TO HIGHWAY 152 - Widen Shoulder	COLLECTOR	981,852
R4028	GREEN VALLEY RD AT CASSERLY RD INTERSECTION - Improvements	ARTERIAL	294,556
R4030	CUTTER DR FROM COLLEGE RD TO END - Improvements	SELECT LOCAL	1,854,610
R4031	CASSERLY RD FROM WHEELLOCK RD TO 1.1 MILES EAST - Overlay	COLLECTOR	436,379
R4032	CASSERLY RD FROM HIGHWAY 152 TO 1.1 MILES WEST - Overlay	COLLECTOR	872,757
R4034	CALABASAS RD FROM WHITE RD TO BRADFORD RD - Improve shoulders	SELECT LOCAL	1,636,420
R4035	GREEN VALLEY RD FROM HASTINGS LANE TO MELODY LANE - Overlay	ARTERIAL	381,831
R4039	CASSERLY RD FROM WHEELLOCK RD TO GREEN VALLEY RD - Overlay	COLLECTOR	1,090,947
R4040	COLLEGE RD FROM HIGHWAY 152 TO LAKEVIEW DR - Improve shoulders	ARTERIAL	436,379
R4042	BOWKER RD FROM BUENA VISTA DR TO FREEDOM BLVD	SELECT LOCAL	1,636,420
R4046	FREEDOM BLVD FROM BUENA VISTA DR TO WATSONVILLE CITY LIMIT	ARTERIAL	2,727,367
R4048	FREEDOM BLVD AT BOWKER RD INTERSECTION - Improvements	ARTERIAL	272,737
R4049	LAKEVIEW DR - Safety lighting	COLLECTOR	163,642
R4058	WHEELLOCK RD - Rehabilitation	COLLECTOR	818,210
R4088	AMESTI RD SLIP-OUT - Pedestrian and bike safety improvements	ARTERIAL	545,473
R4085	GREEN VALLEY RD FROM CITY LIMITS TO PAULSEN RD	ARTERIAL	2,727,367
R4089	CARLTON RD AT LAKEVIEW RD - Intersection improvements for trucks	COLLECTOR	327,284
		2017 Estimated Cost	30,037,039
		2022 Escalated Cost	33,040,743
		2027 Escalated Cost	36,344,817

<b>SALSIPUEDES - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u>CIP #</u>	<u>DESCRIPTION</u>		
R4501	COWARD RD, ENTIRE LENGTH - Reconstruct	ARTERIAL	872,757
R4503	CARLTON RD FROM HIGHWAY 129 TO LAKEVIEW RD - Widen shoulders	COLLECTOR	763,663
		2017 Estimated Cost	1,636,420
		2022 Escalated Cost	1,800,062
		2027 Escalated Cost	1,980,068

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>SAN ANDREAS - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>		
R5003	BUENA VISTA DR AT SAN ANDREAS RD INTERSECTION - Improvements	ARTERIAL	654,568
R5004	BUENA VISTA DR FROM HARKINDS SLOUGH RD TO SAN ANDREAS RD	ARTERIAL	1,636,420
R5005	HARKINS SLOUGH RD - BUENA VISTA DR TO WATSONVILLE CITY LIMIT	COLLECTOR	1,636,420
R5006	SHELL DR, ENTIRE LENGTH - Bikeway	SELECT LOCAL	218,189
R5007	LEE RD, COUNTY PORTION - Overlay	COLLECTOR	272,737
R5009	RANCHO RD FROM BUENA VISTA DR TO END - Overlay	SELECT LOCAL	272,737
R5012	BEACH RD AND SHELL RD	ARTERIAL	2,668,657
		2017 Estimated Cost	7,359,728
		2022 Escalated Cost	8,095,701
		2027 Escalated Cost	8,905,271

<b>SAN LORENZO VALLEY - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>		
R5503	SAN LORENZO AVE - FELTON QUARRY TO HIGHWAY 9 - Widen shoulders	SELECT LOCAL	436,379
R5506	QUAIL HOLLOW RD FROM GLEN ARBOR RD TO EAST ZAYANTE RD	ARTERIAL	709,115
R5507	BEAR CREEK RD - HIGHWAY 9 TO DEER CREEK RD - Shoulder widening	ARTERIAL	872,757
R5508	IRWIN WAY, ENTIRE LENGTH- Overlay	COLLECTOR	381,831
R5509	QUAIL HOLLOW RD FROM GLEN ARBOR RD TO EAST ZAYANTE RD	ARTERIAL	1,309,136
R5510	WEST ZAYANTE RD FROM EAST ZAYANTE RD TO QUAIL HOLLOW RD	SELECT LOCAL	981,852
R5512	GRAHAM HILL RD - MOUNT HERMON RD TO LOCKWOOD LANE - Overlay	ARTERIAL	763,663
R5513	BEAR CREEK RD FROM HIGHWAY 9 TO 2 MILES EAST - Overlay	ARTERIAL	1,309,136
R5516	SCENIC WAY FROM HIGHWAY 9 TO END - Overlay	COLLECTOR	327,284
R5517	LOVE CREEK RD FROM HIGHWAY 9 TO END - Overlay	COLLECTOR	436,379
R5518	MEMORY LANE FROM CHINA GRADE TO END - Overlay	SELECT LOCAL	272,737
R5519	EAST ZAYANTE RD, VARIOUS PARTS - Resurface unsealed portions	ARTERIAL	381,831
R5520	DEBBIE DR FROM FAIRMONT DR TO FAIRMONT DR - Overlay	SELECT LOCAL	272,737
R5521	ALBA RD FROM HIGHWAY 9 TO EMPIRE GRADE RD - Overlay	ARTERIAL	872,757
R5522	RANCHO RIO RD FROM NEWELL CREEK RD TO END - Overlay	COLLECTOR	327,284
R5523	DEBBIE COURT FROM DEBBIE WAY TO END - Overlay	SELECT LOCAL	272,737
R5524	MADRONA RD FROM HIGHWAY 9 TO SEQUOIA RD - Overlay	COLLECTOR	327,284
R5525	LOMPICO RD FROM LAKE BLVD TO END - Overlay	ARTERIAL	600,021
R5534	BOULDER CREEK, DOWNTOWN - Street improvements	TOWN PLAN	3,272,840
R5536	BOULDER CREEK FROM HIGHWAY 9 TO BIG BASIN WAY	TOWN PLAN	163,642
R5538	KINGS CREEK RD - Overlay 0.67 miles of unpaved road	COLLECTOR	872,757
R5540	SYLVAN WAY ENTIRE LENGTH - Reconstruct	COLLECTOR	436,379
R5544	WEST DR FROM SEQUOIA DR TO END - Overlay	COLLECTOR	272,737
R5578	GRAHAM HILL RD - Intelligent Transportation System signal	ARTERIAL	109,095
TBD	DOUBLE BOGEY AND WEST HILTON - Resurface	STREET LOCAL	500,000
		2017 Estimated Cost	16,482,371
		2022 Escalated Cost	17,580,608
		2027 Escalated Cost	19,838,669

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>SKYLINE - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u><b>CIP #</b></u>	<u><b>DESCRIPTION</b></u>		
R6001	GLENWOOD DR - Overlay, install guardrail	ARTERIAL	163,642
R6002	BEAR CREEK RD FROM DEER CREEK RD TO SUMMIT - Shoulder widening	ARTERIAL	872,757
R6004	MT CHARLIE RD - Overlay	ARTERIAL	981,852
		2017 Estimated Cost	2,018,252
		2022 Escalated Cost	2,220,077
		2027 Escalated Cost	2,442,084

<b>SOQUEL - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u><b>CIP #</b></u>	<u><b>DESCRIPTION</b></u>		
R0081	SOQUEL DR AT WILLOWBROOK LANE - Signalization	ARTERIAL	436,379
R6503	NORTH RODEO GULCH RD FROM 0.5 MILES NORTH OF URBAN LIMIT TO PM 0.6	COLLECTOR	272,737
		COLLECTOR	818,210
R6504	NORTH RODEO GULCH RD FROM PM 0.6 TO PM 2.0 - Overlay	COLLECTOR	818,210
R6505	NORTH RODEO GULCH RD FROM PM 2.0 TO Soquel DR - Overlay	COLLECTOR	327,284
R6506	SOUTH RODEO GULCH RD FROM SOQUEL DR TO END - Overlay	SELECT LOCAL	818,210
R6510	ORCHARD ST FROM SOQUEL DR TO END - Improvements	SELECT LOCAL	763,663
R6514	CENTER ST FROM SOQUEL DR TO BRIDGE ST - Improvements	SELECT LOCAL	763,663
R6515	MONTEREY AVE FROM SOQUEL DR TO END - Improvements	SELECT LOCAL	763,663
R6517	FAIRWAY DR FROM SOQUEL DR TO HAZZARD ST - Improvements	SELECT LOCAL	763,663
R6540	SOQUEL DR AT ROBERTSON RD - Intersection signalization	ARTERIAL	373,612
		2017 Estimated Cost	6,919,293
		2022 Escalated Cost	7,611,222
		2027 Escalated Cost	8,372,344

<b>SUMMIT - UNPROGRAMMED ROAD IMPROVEMENTS</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u><b>CIP #</b></u>	<u><b>DESCRIPTION</b></u>		
R7001	NORTH RODEO GULCH RD FROM PM 1.1 TO PM 2.1 - Overlay	ARTERIAL	654,568
R7002	NORTH RODEO GULCH RD - MOUNTAIN VIEW RD TO PM 1.1 - Overlay	ARTERIAL	654,568
R7003	NORTH RODEO GULCH RD FROM PM 2.1 TO PM 4.37 - Overlay	ARTERIAL	981,852
R7004	OLIVE SPRINGS RD FROM SOQUEL SAN JOSE RD TO END - Overlay	SELECT LOCAL	872,757
R7005	SUMMIT RD FROM SOQUEL SAN JOSE RD TO END - Overlay	ARTERIAL	1,200,042
R7006	EVERGREEN LANE FROM DEERFIELD RD TO SUNSET LANE - Overlay	SELECT LOCAL	163,642
R7007	SKYVIEW TERRACE FROM EVERGREEN LANE TO END - Overlay	SELECT LOCAL	272,737
R7008	LOMA PRIETA RD FROM MAYMEN'S FLAT TO END	SELECT LOCAL	1,636,420
		2017 Estimated Cost	6,436,586
		2022 Escalated Cost	7,080,245
		2027 Escalated Cost	7,788,269

<b>COUNTYWIDE UNPROGRAMMED ROAD IMPROVEMENTS:</b>	2017 Estimated Cost	<b>130,815,777</b>
	2022 Escalated Cost	143,897,355
	2027 Escalated Cost	158,287,090

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>APTOS - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>		
B0009	SUMNER AVE	ARTERIAL	2,094,618
B0010	FREEDOM BLVD	ARTERIAL	610,930
B0011	BONITA DR	COLLECTOR	523,654
B0012	PINEHURST DR	COLLECTOR	392,741
B0013	APTOS BEACH DR	COLLECTOR	61,093
B0015	CATHEDRAL DR	COLLECTOR	1,214,878
B0016	CLIFF DR	COLLECTOR	576,020
B0017	CLUBHOUSE DR	COLLECTOR	1,047,309
B0018	DOLPHIN DR	COLLECTOR	192,007
B0019	E LEDYARD WAY	COLLECTOR	209,462
B0020	MAR VISTA DR	COLLECTOR	261,827
B0021	MCGREGOR DR	COLLECTOR	1,183,460
B0022	MESA DR	COLLECTOR	460,816
B0023	RIO DEL MAR BLVD	COLLECTOR	490,926
B0024	SEARIDGE RD	COLLECTOR	124,368
B0025	SPRECKELS DR	COLLECTOR	117,822
B0026	TOWNSEND DR	COLLECTOR	565,547
B0027	TREASURE ISLAND DR	COLLECTOR	139,641
B0028	VALENCIA RD	COLLECTOR	638,858
B0029	VIENNA DR	COLLECTOR	596,966
B0030	TROUT GULCH RD	COLLECTOR	775,009
B0031	APTOS ST	SELECT LOCAL	78,548
B0032	APTOS SCHOOL RD	SELECT LOCAL	196,370
B0033	VALENCIA ST	SELECT LOCAL	98,185
B0034	BERNAL ST	SELECT LOCAL	65,457
B0042	POLO DR FROM SOQUEL DR TO END	LOCAL	1,090,947
B0043	CENTER AVE FROM BROADWAY TO SPRECKLES DR	LOCAL	1,636,420
		2017 Estimated Cost	15,443,880
		2022 Escalated Cost	16,988,268
		2027 Escalated Cost	18,687,095

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

<b>APTOS HILLS - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>		
R0508	FREEDOM BLVD	ARTERIAL	611,443
		2017 Estimated Cost	611,443
		2022 Escalated Cost	672,587
		2027 Escalated Cost	739,846

<b>CARBONERA - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b><u>CIP #</u></b>	<b><u>DESCRIPTION</u></b>		
B1501	SIMS RD - Pedestrian Facilities	COLLECTOR	1,309,136
		2017 Estimated Cost	1,309,136
		2022 Escalated Cost	1,440,050
		2027 Escalated Cost	1,584,055

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>COUNTYWIDE - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
R9009	RAIL TRAIL – segments 1-5, 11-17, and parts of 6, 9, 10, and 11- Preliminary Engineering	PED/BIKE PATH	5,337,313
		2017 Estimated Cost	5,337,313
		2022 Escalated Cost	5,871,045
		2027 Escalated Cost	6,458,149

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

<b>LA SELVA - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
B2500	MAR MONTE AVE FROM SAN ANDREAS RD TO ALTIVO AVE	COLLECTOR	327,284
B2501	SAN ANDREAS RD	ARTERIAL	296,755
		2017 Estimated Cost	624,039
		2022 Escalated Cost	686,443
		2027 Escalated Cost	755,087

<b>LIVE OAK - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		ROADWAY TYPE	ESTIMATED COST
<u>CIP #</u>	<u>DESCRIPTION</u>		
B3009	SOQUEL AVE – plan line, improvements from Chanticleer to Gross	ARTERIAL	1,440,050
B3011	SOQUEL DR – sidewalk infill (multiple locations) – bike lane improvements (Center to Main St)	ARTERIAL	555,074
B3012	CAPITOLA RD EXTENSION	COLLECTOR	413,687
B3017	EL DORADO AVE	COLLECTOR	733,116
B3018	15TH AVE	COLLECTOR	314,193
B3019	5TH AVE	COLLECTOR	146,623
B3020	40TH AVE	COLLECTOR	251,354
B3024	MACIEL AVE	COLLECTOR	439,869
B3027	PAUL MINNIE AVE	COLLECTOR	188,516
B3029	RODRIGUEZ ST FROM CAPITOLA RD EXTENSION TO 7TH AVE	COLLECTOR	853,557
B3031	38TH AVE	COLLECTOR	565,547
B3032	THURBER LANE FROM SOQUEL DR TO SEQUOIA DR	COLLECTOR	235,645
B3033	26TH AVE	COLLECTOR	497,472
B3034	WINKLE AVE	COLLECTOR	460,816
B3037	WEBSTER ST HOWE AND COMMERCIAL – preliminary design	COLLECTOR	198,989
B3038	OPAL CLIFFS DR	COLLECTOR	879,740
B3067	EAST CLIFF DR FROM 7TH AVE TO 14TH AVE – bike/pedestrian	ARTERIAL	459,009
B3068	EAST CLIFF DR FROM 17TH AVE TO PALISADES AVE – bike/pedestrian	ARTERIAL	704,525
B3499	BROMMER FROM 7TH TO CAPITOLA CITY LIMIT – feasibility study for bikeway	ARTERIAL	200,000
		2017 Estimated Cost	9,537,782
		2022 Escalated Cost	10,471,560
		2027 Escalated Cost	11,498,716

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>PAJARO VALLEY - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b>CIP #</b>	<b>DESCRIPTION</b>		
B4005	BRADFORD RD FROM CALABASAS RD TO BUENA VISTA DR	SELECT LOCAL	1,090,947
B4006	GREEN VALLEY RD - Improvements per approved Plan Line	ARTERIAL	654,568
B4009	AIRPORT BLVD FROM GREEN VALLEY RD TO WATSONVILLE CITY LIMIT	ARTERIAL	654,568
B4010	LAKEVIEW DR FROM CRESTWOOD DR TO MEREDITH WAY	ARTERIAL	709,115
B4012	HOLOHAN RD FROM COLLEGE RD TO LAKEN DR	HIGHWAY	763,663
B4013	FREEDOM BLVD FROM WATSONVILLE CITY LIMITS TO URBAN SERVICES LINE	ARTERIAL	1,636,420
B4016	LAKEVIEW DR, AT END - Improve access to levee	ARTERIAL SELECT	218,189
B4018	COFFEY LANE, ENTIRE LENGTH	LOCAL SELECT	300,010
B4021	EMME LANE, ENTIRE LENGTH	LOCAL SELECT	327,284
B4023	LONE PINE AVE, ENTIRE LENGTH	LOCAL SELECT	381,831
B4024	MANFRE RD, ENTIRE LENGTH	LOCAL SELECT	1,309,136
B4025	MEMORIAL AVE, ENTIRE LENGTH	LOCAL SELECT	327,284
B4026	MONUMENT AVE, ENTIRE LENGTH	LOCAL SELECT	381,831
B4033	MINTO RD,SOUTH SIDE, ENTIRE LENGTH	LOCAL	654,568
B4043	AMESTI RD	COLLECTOR	272,737
R9001	ACCESSIBILITY PROJECTS	VARIOUS	272,737
		2017 Estimated Cost	9,954,890
		2022 Escalated Cost	10,950,379
		2027 Escalated Cost	12,045,417

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

<b>SAN LORENZO VALLEY - UNPROGRAMMED ROADSIDE IMPROV*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<b>CIP #</b>	<b>DESCRIPTION</b>		
B5501	MARION AVE, Quail Hollow Rd to school	COLLECTOR	381,831
B5504	LAUREL ST and LOMOND ST, Highway 236 to Highway 9	SELECT LOCAL	490,926
B5505	FELTON, downtown - Improvements per town plan	TOWN PLAN	3,272,840
B5507	BOULDER CREEK, downtown - Improvements per town plan	TOWN PLAN	2,727,367
B5509	GLEN ARBOR RD AND QUAIL HOLLOW RD FROM HIGHWAY 9 TO MARION AVE	ARTERIAL	436,379
B5510	MAIN ST FROM MILL ST TO HIGHWAY 9	COLLECTOR	436,379
B5512	MAIN ST FROM HIGHWAY 9 TO POST OFFICE	COLLECTOR	436,379
B5515	FELTON, three locations - Install Felton entry signs per town plan	TOWN PLAN	54,547
B5517	GRAHAM HILL RD, East Zayante Rd to Roaring Camp - Sidewalks, bike lanes and new bridge	ARTERIAL	2,727,367
		2017 Estimated Cost	10,964,016
		2022 Escalated Cost	12,060,417
		2027 Escalated Cost	13,266,459

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

<b>SOQUEL - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u><b>CIP #</b></u>	<u><b>DESCRIPTION</b></u>		
B6502	41ST AVE, north of Hwy 1	ARTERIAL	436,379
B6503	PORTER ST	ARTERIAL	654,568
B6504	SOQUEL SAN JOSE RD	ARTERIAL	818,210
B6509	MAIN ST, south of Soquel Dr	COLLECTOR	610,930
B6510	RODEO GULCH RD	COLLECTOR	436,379
B6512	PORTER GULCH RD	COLLECTOR	436,379
B6514	CENTER ST	SELECT LOCAL	654,568
B6526	SOQUEL DR FROM OCEAN HONDA TO 41ST AVE	ARTERIAL	200,000
B6527	SOQUEL DR AT VARIOUS LOCATIONS	ARTERIAL	1,000,000
B6528	SOQUEL DR FROM MATTISON LANE TO 41ST AVE	ARTERIAL	750,000
		2017 Estimated Cost	5,997,413
		2022 Escalated Cost	6,597,154
		2027 Escalated Cost	7,256,869

<b>SUMMIT - UNPROGRAMMED ROADSIDE IMPROVEMENTS*</b>		<b>ROADWAY TYPE</b>	<b>ESTIMATED COST</b>
<u><b>CIP #</b></u>	<u><b>DESCRIPTION</b></u>		
B7001	BRANCIFORTE DR FROM GRANITE CREEK RD TO HAPPY VALLEY RD - Improve shoulders	ARTERIAL	818,210
		2017 Estimated Cost	818,210
		2022 Escalated Cost	900,031
		2027 Escalated Cost	990,034

<b>COUNTYWIDE UNPROGRAMMED ROADSIDE IMPROVEMENTS:</b>	2017 Estimated Cost	60,398,121
	2022 Escalated Cost	58,454,252
	2027 Escalated Cost	64,299,677

\*Roadside Improvements may include curb, gutter, sidewalk, street trees, and drainage improvements.

# SECTION V: PARKS, OPEN SPACE AND CULTURAL SERVICES CAPITAL IMPROVEMENT PROGRAM

## COMPLETED PROJECTS

CIP NUMBER  
PROJECT NUMBER

O0066  
N/A

SUPERVISORIAL DISTRICT 5

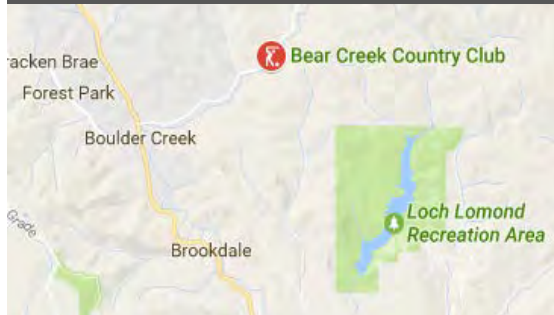
### BEAR CREEK COUNTRY CLUB



**PROJECT TYPE:** Park  
**FINAL PROJECT COST:** \$450,000

**LOCATION:**  
**PLANNING AREA:**

15685 Forest Hill Dr, Boulder Creek  
San Lorenzo



#### PROJECT COMPLETED:

The County assisted Boulder Creek Recreation District with the purchase of the Bear Creek Country Club in 2016-17. The Parks Department has entered into an agreement with Boulder Creek Recreation District for future shared use of the facility.



COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER  
PROJECT NUMBER

O0067  
RP1053

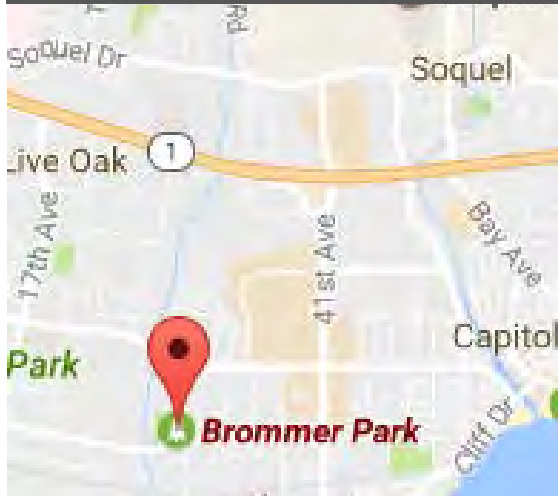
SUPERVISORIAL DISTRICT 1

**BROMMER PARK COURT RESURFACING**



**PROJECT TYPE:** Park  
**FINAL PROJECT COST:** \$45,088

**LOCATION:** 1451 30<sup>th</sup> Ave, Santa Cruz  
**PLANNING AREA:** Live Oak



**PROJECT COMPLETED:**

This necessary deferred maintenance project included tennis court resurfacing & pickleball striping.

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER P3508  
PROJECT NUMBER NEW

SUPERVISORIAL DISTRICT 3

**PACIFIC ELEMENTARY SCHOOL COURT RESURFACING**



**PROJECT TYPE:** Park  
**FINAL PROJECT COST:** \$8,500

**LOCATION:** 50 Ocean St, Davenport  
**PLANNING AREA:** North Coast



**PROJECT COMPLETED:**

The Parks Department helped fund the basketball court resurfacing at Pacific Elementary School, to help provide recreation opportunities in the North Coast community.

# COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

CIP NUMBER P0062  
PROJECT NUMBER R00158

SUPERVISORIAL DISTRICT 2

## POLO GROUNDS RESTROOM & CONCESSION BUILDING



**PROJECT TYPE:** Park      **LOCATION:** 2255 Huntington Ave, Aptos  
**FINAL PROJECT COST:** \$555,542      **PLANNING AREA:** Aptos



### PROJECT COMPLETED:

This recently completed project included installation of a public restroom/concession building, separate storage building, infrastructure improvements and landscaping.

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

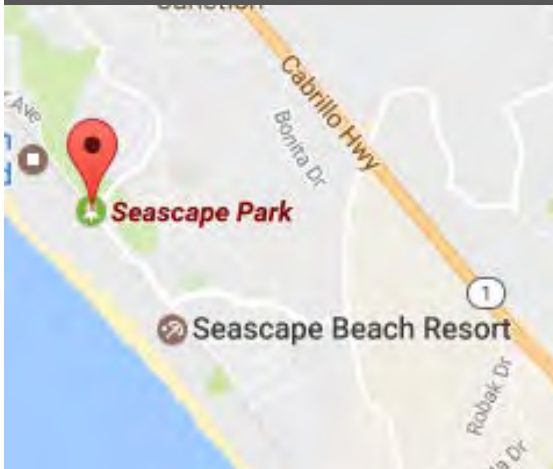
CIP NUMBER O0067  
PROJECT NUMBER RP0107

SUPERVISORIAL DISTRICT 2

SEASCAPE PARK PLAYGROUND REPLACEMENT



PROJECT TYPE: Park      LOCATION: Summer Ave, Aptos  
FINAL PROJECT COST: \$92,984      PLANNING AREA: Aptos



**PROJECT COMPLETED:**

This recently completed deferred maintenance project included: playground replacement and park refurbishment by Parks maintenance staff.

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**PROGRAMMED PROJECTS**

**CIP NUMBER**                      **NEW**                                      **SUPERVISORIAL DISTRICT – MULTIPLE SITES**  
**PROJECT NUMBER**              **R50006/R50007**

**2016 & 2017 STORM DISASTERS RECOVERY**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	Multiple Sites
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Multiple Sites
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** Repair storm damage from 2016 and 2017 declared disasters at multiple locations, including: Aldridge Lane Park, Aptos Village Park, Ben Lomond Park, Felton Covered Bridge, Floral Park, Heart of Soquel, Hidden Beach Park, Moran Lake Park, Pinto Lake Park, Polo Grounds Park, Seascapes Park, Soquel Lions Park, and Veterans Memorial Building. Staff is currently awaiting approval of project lists from California Office of Education (CalOES) and Federal Emergency Management Agency (FEMA) to secure 75% funding.

<b>PROJECT COST ESTIMATE:</b>	\$1,060,632	
<b>FUNDING TO DATE:</b>	\$749,295	
<b>CURRENT FUNDING SOURCES:</b>	\$86,438	California Office of Emergency Funding
	\$345,751	Federal Emergency Mgmt Agency Funding
	\$65,410	Dept 49 Operating Budget

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$251,696	\$497,599	\$311,337	\$0	\$0	\$0	\$1,060,632

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                    **P2004**  
**PROJECT NUMBER**           **RP0101**

**SUPERVISORIAL DISTRICT 2**

**ALDRIDGE LANE PARK IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	20 Aldridge Ln, Corralitos
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Eureka
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** Tennis court resurfacing was completed in 2016-17 and other park improvements/upgrades are scheduled for 2017-18.



<b>PROJECT COST ESTIMATE:</b>	\$48,487	
<b>FUNDING TO DATE:</b>	\$48,487	
<b>CURRENT FUNDING SOURCES:</b>	\$26,095	Eureka Park Dedication Fund

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$22,392	\$26,095	\$0	\$0	\$0	\$0	\$48,487
Construction anticipated to be completed in 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                **P3032**  
**PROJECT NUMBER**        **R00049**

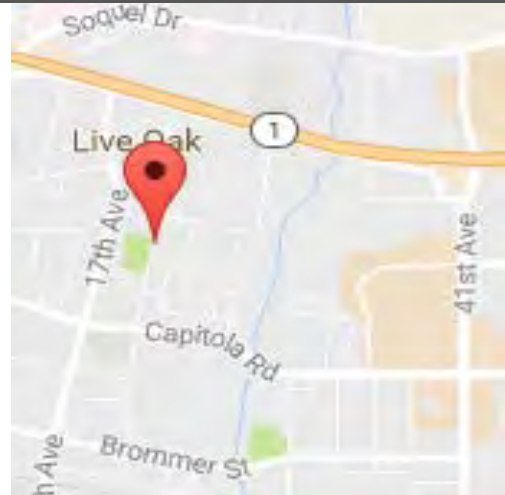
**SUPERVISORIAL DISTRICT 1**

**CHANTICLEER PARK PHASE 1 IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	1925-1985 Chanticleer Ave, Santa Cruz
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** During FY 17-18, the Parks Dept will be moving forward with the fundraising, design and permitting for Ph I development, which will include the inclusive playground, community garden area, picnic areas, pathways, parking, restrooms, and interim off-leash dog areas and bicycle pump track. The fundraising effort continues in partnership with the Santa Cruz Playground Project, the Chanticleer Park Neighbors Assoc, and Shane’s Inspiration, in addition to grant writing efforts led by Parks.



<b>PROJECT COST ESTIMATE:</b>	\$4,620,409	
<b>FUNDING TO DATE:</b>	\$650,902	
<b>CURRENT FUNDING SOURCES:</b>	\$46,794	Live Oak Park Dedication Fund
	\$500,902	Fund 49 – Live Oak Park Special Fund

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$103,207	\$547,695	\$969,507	\$3,000,000	\$0	\$0	\$4,620,409
Construction anticipated to begin in 2018-19						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**  
**PROJECT NUMBER**

**NEW**  
**RP1161**

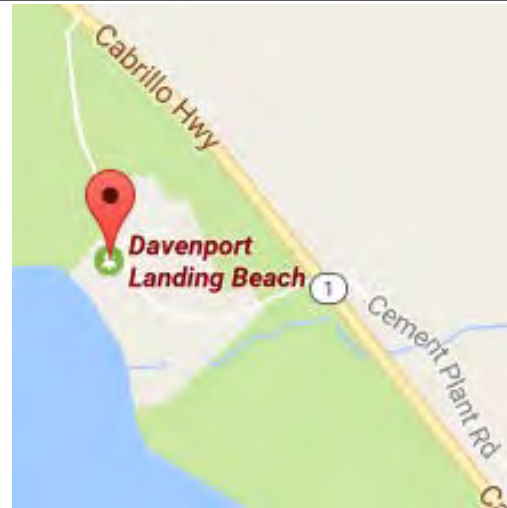
**SUPERVISORIAL DISTRICT 3**

**DAVENPORT LANDING RESTROOM REPLACEMENT**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	Highway 1, Davenport
<b>FUNDING STATUS:</b>	Fully Funded	<b>PLANNING AREA:</b>	North Coast
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** This necessary deferred maintenance project includes replacing the restroom.



<b>PROJECT COST ESTIMATE:</b>	\$100,000	
<b>2017-18 APPROVED FUNDING:</b>	\$100,000	
<b>CURRENT FUNDING SOURCES:</b>	\$100,000	Fund 40 – Certs 2015B for Parks Deferred Maint

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Construction anticipated to be completed in 2017-18						



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                    P6529  
**PROJECT NUMBER**            R00322/R00324

**SUPERVISORIAL DISTRICT 1**

**HEART OF SOQUEL PARK PHASES 2 & 3**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	4740 Soquel Dr, Soquel
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Soquel
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** During FY 17-18, the Parks Dept will be proceeding with grant writing efforts, acquisition, design and construction of the next phase. This “parkway” will be an extension of the Heart of Soquel Park Plaza’s existing pathway and riparian restoration project, and create a continuous walking loop around Soquel Creek within the Soquel Village, consistent with the adopted Soquel Village Plan. The next steps are the acquisition of portions of a privately owned parcel and an easement across Soquel Elementary School’s property, the development of design plans, and construction.



<b>PROJECT COST ESTIMATE:</b>	\$1,500,000	
<b>FUNDING TO DATE:</b>	\$460,239	
<b>CURRENT FUNDING SOURCES:</b>	\$216,245	Soquel Park Dedication Fund
	\$158,384	Fund 42 – Former RDA Bond Funds

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$85,610	\$374,629	\$550,504	\$489,257	\$0	\$0	\$1,500,000
Phase 2 construction anticipated to begin in 2018-19						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                **NEW**  
**PROJECT NUMBER**        **NEW**

**SUPERVISORIAL DISTRICT 2**

**HIDDEN BEACH PLAYGROUND REPLACEMENT**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	600 Cliff Dr, Aptos
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Aptos
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** The project consists of playground equipment replacement and other necessary park improvements. The Parks Department will be proceeding with grant writing efforts to secure funding for completion of this project.



<b>PROJECT COST ESTIMATE:</b>	\$350,000	
<b>FUNDING TO DATE:</b>	\$30,000	
<b>CURRENT FUNDING SOURCES:</b>	\$30,000	Aptos Park Dedication Fund

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$0	\$30,000	\$20,000	\$300,000	\$0	\$0	\$350,000
Construction anticipated to begin in 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**  
**PROJECT NUMBER**

**NEW**  
**NEW**

**SUPERVISORIAL DISTRICT 5**

**HIGHLANDS PARK – DEFERRED MAINTENANCE**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	8500 Highway 9, Ben Lomond
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	San Lorenzo
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** This necessary deferred maintenance project includes replacing roof skylights and painting the Senior Center, replacing the main house roof and Children’s Center roof, and replacing septic systems.



<b>PROJECT COST ESTIMATE:</b>	\$322,000	
<b>FUNDING TO DATE:</b>	\$30,000	
<b>CURRENT FUNDING SOURCES:</b>	\$30,000	Fund 40 – Certs 2015B for Parks Deferred Maint

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$0	\$30,000	\$92,000	\$200,000	\$0	\$0	\$322,000
Construction anticipated to begin in 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                    P3056  
**PROJECT NUMBER**        RP1056/NEW

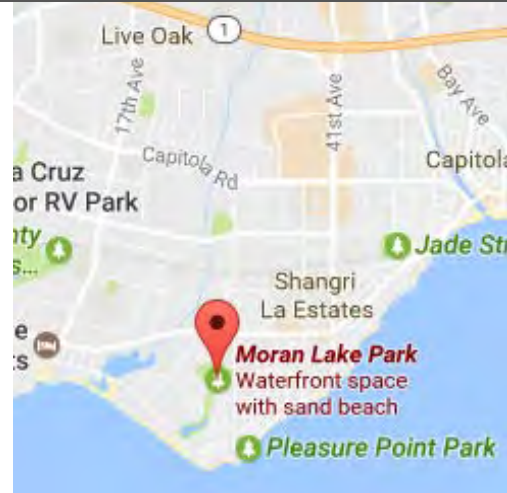
**SUPERVISORIAL DISTRICT 1**

**MORAN LAKE PARK HABITAT RESTORATION**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	East Cliff Dr, Santa Cruz
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** Several eucalyptus trees fell during the 2016-17 Winter Storm events, destabilizing other trees in the subsequent months. In conjunction with the 2016 & 2017 Storm Disaster Recovery project, Parks is actively seeking grants to begin the process for park improvements, including habitat restoration, hazard mitigation, removal of non-native trees, and Monarch Butterfly habitat protection.



<b>PROJECT COST ESTIMATE:</b>	\$1,000,000	
<b>FUNDING TO DATE:</b>	\$33,000	
<b>CURRENT FUNDING SOURCES:</b>	\$3,000	Live Oak Park Dedication Fund
	\$30,000	Fund 40 – Certs 2015B for Parks Deferred Maint

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$0	\$33,000	\$67,000	\$600,000	\$300,000	\$0	\$1,000,000
Construction anticipated to begin in 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                    **P4014/P4027/P4042**  
**PROJECT NUMBER**           **NEW**

**SUPERVISORIAL DISTRICT 2**

**PINTO LAKE PARK – DEFERRED MAINTENANCE & IMPROVEMENTS**



**PROJECT TYPE:**                  Park  
**FUNDING STATUS:**            Partially Funded  
**PROJECT STATUS:**            In Progress

**LOCATION:**                    757 Green Valley Rd, Watsonville  
**PLANNING AREA:**            Pajaro Valley

**DESCRIPTION:** This necessary deferred maintenance and improvement project includes: modular administration buildings, bathroom renovation, playground replacement/refurbishment, and repairs to parking lot and back house. The Parks Department is actively seeking grants to help fund the project.



**PROJECT COST ESTIMATE:**                    \$1,165,000  
**FUNDING TO DATE:**                            \$92,076  
**CURRENT FUNDING SOURCES:**            \$25,431                  Pajaro Park Dedication Fund  
     \$50,000                  Fund 40 – Certs 2015B for Parks Deferred Maint

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$16,645	\$75,431	\$72,924	\$750,000	\$250,000	\$0	\$1,165,000
Construction anticipated to begin in 2017-18						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**  
**PROJECT NUMBER**

**NEW**  
**RP0213**

**SUPERVISORIAL DISTRICT 5**

**QUAIL HOLLOW RANCH – DEFERRED MAINTENANCE**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	800 Quail Hollow Rd, Felton
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	San Lorenzo
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** This necessary deferred maintenance project includes: electrical and septic systems replacement, brook erosion repairs, barn fencing, and house repairs: siding, painting, gutters, and deck stabilization.



<b>PROJECT COST ESTIMATE:</b>	\$300,000	
<b>FUNDING TO DATE:</b>	\$30,000	
<b>CURRENT FUNDING SOURCES:</b>	\$30,000	Fund 40 – Certs 2015B for Parks Deferred Maint

<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$0	\$30,000	\$35,000	\$200,000	\$35,000	\$0	\$300,000
Construction anticipated to begin in 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**  
**PROJECT NUMBER**

**O0067/P3063/P3079**  
**RP0002/RP1156/NEW**

**SUPERVISORIAL DISTRICT 1**

**SIMPKINS FAMILY SWIM CENTER – DEFERRED MAINTENANCE**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	979 17 <sup>th</sup> Ave, Santa Cruz
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** This necessary deferred maintenance project includes: replacement of water heaters, emergency lighting, filters for main pool, chlorine generator cells, maintenance work to roof, to extend its life for 10 years, and to capstones. It may be necessary to temporarily close the pool facility for several months in 2018-19 to replace the waterslide, resurface the pool deck and replaster the main pool.



<b>PROJECT COST ESTIMATE:</b>	\$1,600,000	
<b>FUNDING TO DATE:</b>	\$155,656	
<b>CURRENT FUNDING SOURCES:</b>	\$108,152	Fund 40 – Certs 2015B for Parks Deferred Maint

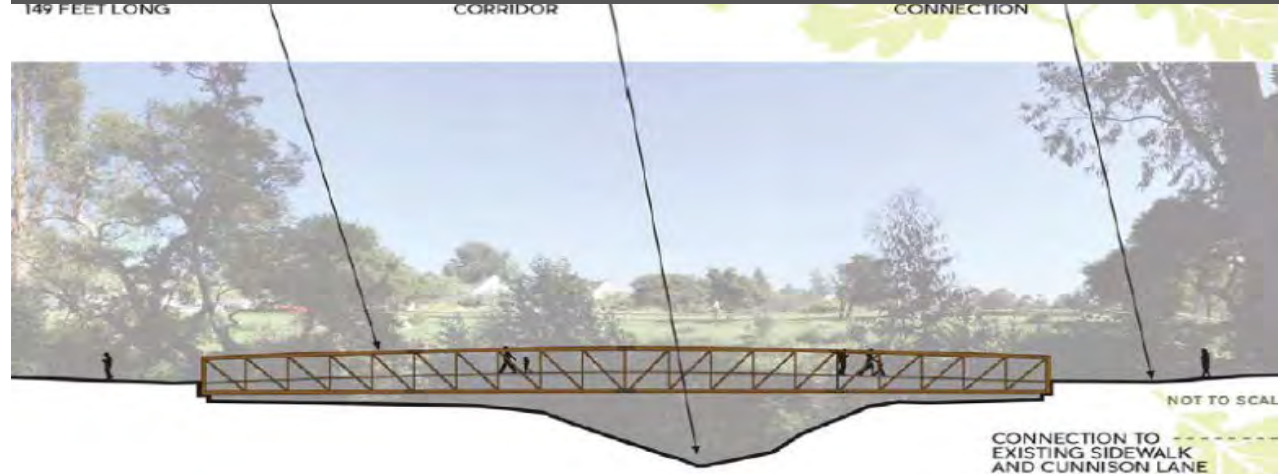
<b>PROJECT SCHEDULE</b>						
<b>Prior Year Expenditures</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>TOTAL</b>
\$47,504	\$108,152	\$300,000	\$1,144,344	\$0	\$0	\$1,600,000
Construction anticipated to begin in 2019-20						

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                    P6522  
**PROJECT NUMBER**            R00152/R00166

**SUPERVISORIAL DISTRICT 1**

**THE FARM PARK PHASE 2 IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	Soquel Dr/Cunnison Ln, Soquel
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Soquel
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** During FY 17-18, the Parks Dept will continue grant writing, design, permitting, and construction in stages for Phase 2 development at the Farm Park, including installation of a pedestrian bridge and associated pathways, play and picnic areas, and a bocce ball court. In partnership with the Mountain Bikers of Santa Cruz, Parks is moving forward with grant writing, fundraising, and construction of an interim and temporary bike pump track.



<b>PROJECT COST ESTIMATE:</b>	\$1,919,700	
<b>FUNDING TO DATE:</b>	\$301,618	
<b>CURRENT FUNDING SOURCES:</b>	\$90,740	Soquel Park Dedication Fund
	\$155,095	Fund 49 – Soquel Park Special Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$55,783	\$245,835	\$1,618,082	\$0	\$0	\$0	\$1,919,700
Construction anticipated to begin in 2017-18						



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**CIP NUMBER**                      **NEW**  
**PROJECT NUMBER**            **RP0064**

**SUPERVISORIAL DISTRICT 1**

**THE HOOK DRAINAGE & ELECTRICAL IMPROVEMENTS**



<b>PROJECT TYPE:</b>	Park	<b>LOCATION:</b>	East Cliff Drive, Santa Cruz
<b>FUNDING STATUS:</b>	Partially Funded	<b>PLANNING AREA:</b>	Live Oak
<b>PROJECT STATUS:</b>	In Progress		

**DESCRIPTION:** This necessary deferred maintenance project includes re-routing shower drain from storm drain to sanitary sewer, and extending electrical service to the rear corner.



<b>PROJECT COST ESTIMATE:</b>	\$47,083	
<b>FUNDING TO DATE:</b>	\$47,083	
<b>CURRENT FUNDING SOURCES:</b>	\$26,964	Live Oak Park Dedication Fund

PROJECT SCHEDULE						
Prior Year Expenditures	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
\$20,118	\$26,964	\$0	\$0	\$0	\$0	\$47,083
Construction anticipated to be completed in 2017-18						

**FINANCING SUMMARY PROJECT AND FUNDING SOURCE**



## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Parks Operating Budget, FEMA, CalOES	Multiple	Multiple Sites	Repair 2016 & 2017 storm damage	251,156	497,899	multiple
<b>TOTAL</b>				<b>251,156</b>	<b>497,899</b>	
La Selva Park Dedication Fund	La Selva	Multiple Sites	Available Land Other - La Selva PDF	-	22,350	n/a
La Selva Park Dedication Fund	La Selva	Multiple Sites	Miscellaneous Park Improvements-Access and Development	-	11,757	P2802
<b>TOTAL</b>					<b>34,107</b>	
Aptos Park Dedication Fund	Aptos	Multiple Sites	Available Land Other - Aptos PDF	-	82,429	n/a
Aptos Park Dedication Fund	Aptos	Aptos Village Park	APTOS PARK CENTER - Water Meter	-	-	P0046
Aptos Park Dedication Fund	Aptos	HIDDEN BEACH	HIDDEN BEACH PLAYGROUND	-	30,000	New
Aptos Park Dedication Fund	Aptos	Multiple Sites	CARMICHAEL TRAIL - Plan, develop, and mitigation; combine with A/C	-	6,571	P0061
Aptos Park Dedication Fund	Aptos	Multiple Sites	MISCELLANEOUS PARK IMPROVEMENTS	-	14,308	P0046
Aptos Park Dedication Fund	Aptos	POLO GROUNDS	POLO GROUNDS - Restroom, concession, and infrastructure improvements	34,155	2,250	P0062
Aptos Park Dedication Fund	Aptos	POLO GROUNDS	POLO GROUNDS - Storage/pathway	-	-	P0027
Aptos Park Dedication Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase 1	3,151	(0)	P0052
Aptos Park Dedication Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase 2	-	264,683	New
Aptos Park Dedication Fund	Aptos	SEASCAPE BEACH Coastal Access	Via Palo Alto Stairway design & re-build	5,076	44,824	P0058
Aptos Park Dedication Fund	Aptos	SEASCAPE PARK	SEASCAPE PARK PLAYGROUND replacement	90,000	-	New
Aptos Park Dedication Fund	Aptos	SHORE TRAIL	SHORE TRAIL - Trail access improvements	-	28,653	P0059
<b>TOTAL</b>				<b>62,392</b>	<b>443,798</b>	
Live Oak Park Dedication Fund	Live Oak	Multiple Sites	Available Land Other - Live Oak PDF	-	82,788	n/a
Live Oak Park Dedication Fund	Live Oak	Brommer Park	Brommer Park Improvements	50	21,996	New
Live Oak Park Dedication Fund	Live Oak	CHANTICLEER PARK	Chanicleer Park Phase I	91,191	46,794	P3032
Live Oak Park Dedication Fund	Live Oak	MORAN LAKE PARK	MORAN LAKE PARK IMPROVEMENTS	-	3,000	P3055
Live Oak Park Dedication Fund	Live Oak	The Farm	The Farm Phase 2	(290)	290	P3055
Live Oak Park Dedication Fund	Live Oak	Multiple Sites	Live Oak Beach Access Improvements	-	-	P3053
Live Oak Park Dedication Fund	Live Oak	Rockview Coastal Access	LO Beach Access Improvements: Rockview Improvements	1,221	1,696	New
Live Oak Park Dedication Fund	Live Oak	The Hook	LO Beach Access Improvements: Hook Shower Drainage & Electrical Improvements	20,118	26,964	P3052
Live Oak Park Dedication Fund	Live Oak	SIMPKINS FAMILY'S WIM CENTER	SIMPKINS FAMILY SWIM CENTER - Improvements, Capstones (5-Yr Option)	20,879	52,639	P3053
<b>TOTAL</b>				<b>123,170</b>	<b>216,166</b>	
Pajaro Park Dedication Fund	Pajaro	Multiple Sites	Available Land Other - Pajaro PDF	-	50,347	n/a
Pajaro Park Dedication Fund	Pajaro	Mesa Village Park	MESA VILLAGE PARK IMPROVEMENTS	-	24,625	P4042
Pajaro Park Dedication Fund	Pajaro	Pinto Lake Park	PINTO LAKE PARK - Building Improvements	-	19,257	P4041
Pajaro Park Dedication Fund	Pajaro	Pinto Lake Park	PINTO LAKE PARK IMPROVEMENTS	16,646	6,176	P4014
<b>TOTAL</b>				<b>16,646</b>	<b>100,405</b>	
San Andreas Park Dedication Fund	San Andreas	Multiple Sites	Available Land Other - San Andreas PDF	-	3,888	n/a
San Andreas Park Dedication Fund	San Andreas	n/a	OPERATING TRANSFERS OUT - GENERAL FUND	5,112	-	n/a
<b>TOTAL</b>				<b>5,112</b>	<b>3,888</b>	
Carbonera Park Dedication Fund	Carbonera	Multiple Sites	Available Land Other - Carbonera PDF	-	135,847	n/a
Carbonera Park Dedication Fund	Carbonera	MICHAEL GREY FIELD	MICHAEL GREY FIELD (1921 50) - Group picnic/field renovation	-	13,566	P1505
Carbonera Park Dedication Fund	Carbonera	OCEAN STREET EXTENSION	OCEAN STREET EXTENSION - Erosion control, fencing	-	27,997	P1508
<b>TOTAL</b>					<b>180,412</b>	
Soquel Park Dedication Fund	Soquel	Multiple Sites	Available Land Other - Soquel PDF	-	26,600	n/a
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phase I Monitoring	7,218	35,433	P6829
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	Storm Damage - replace pipe & storm drain box	540	-	P6829

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phases 2 & 3	-	216,248	P6829
Soquel Park Dedication Fund	Soquel	Multiple Sites	DISTRICT PLAYGROUND IMPROVEMENTS (194963)	-	18,213	P6824
Soquel Park Dedication Fund	Soquel	Soquel Lions Park	SOQUEL LIONS PARK IMPROVEMENTS - Retaining wall (194963)	-	17,675	P6827
Soquel Park Dedication Fund	Soquel	The Farm Park	Phase 2: Install Pedestrian Bridge, Bocce Ball & Pathways, and interim temporary bike pump track	6,862	90,430	P6822
Soquel Park Dedication Fund	Soquel	Willowbrook Park	WILLOWBROOK PARK - Play area improvements, surfacing (194963)	-	-	P6828
Soquel Park Dedication Fund	Soquel	Willowbrook Park	WILLOWBROOK PARK Improvements	-	24,548	New
<b>TOTAL</b>				<b>14,320</b>	<b>416,163</b>	
San Lorenzo Park Dedication Fund	San Lorenzo	Felton Covered Bridge	FELTON COVERED BRIDGE	-	-	P5830
San Lorenzo Park Dedication Fund	San Lorenzo	n/a	OPERATING TRANSFERS OUT - GENERAL FUND	43,201	10,892	n/a
<b>TOTAL</b>				<b>43,201</b>	<b>10,892</b>	
Aptos Hills Park Dedication Fund	Aptos Hills	Multiple Sites	Available Land Other - Aptos Hills PDF	-	6,092	n/a
Aptos Hills Park Dedication Fund	Aptos Hills	FREEDOM LAKE	DEMOLISH STRUCTURES AT FREEDOM LAKE	-	-	P0809
Aptos Hills Park Dedication Fund	Aptos Hills	FREEDOM LAKE	FREEDOM LAKE - Water Hyacinth removal	-	34,819	P0805
Aptos Hills Park Dedication Fund	Aptos Hills	n/a	OPERATING TRANSFERS OUT TO APTOS PD	3,393	-	n/a
Aptos Hills Park Dedication Fund	Aptos Hills	SCOTT PARK	SCOTT PARK - Improvements (Electrical, paving & fencing)	-	23,968	P0507
Aptos Hills Park Dedication Fund	Aptos Hills	VALENCIA HALL / POST OFFICE	GATE AT VALENCIA HALL / POST OFFICE (192170)	-	-	P0808
Aptos Hills Park Dedication Fund	Aptos Hills	VALENCIA HALL AND POST OFFICE	VALENCIA HALL AND POST OFFICE - Preservation of structures	-	27,703	P0501
<b>TOTAL</b>				<b>3,393</b>	<b>94,582</b>	
Skyline Park Dedication Fund	Skyline	Multiple Sites	Available Land Other - Skyline PDF	-	82,636	n/a
Skyline Park Dedication Fund	Skyline	Multiple Sites	Future Park Improvements-Planning & Development	-	19,301	P6003
<b>TOTAL</b>					<b>101,937</b>	
Summit Park Dedication Fund	Summit	Multiple Sites	Available Land Other Summit PDF	-	65,982	n/a
Summit Park Dedication Fund	Summit	Loma Prieta School	LOMA PRIETA SCHOOL - Field improvements (194964)	-	18,533	P7002
Summit Park Dedication Fund	Summit	Loma Prieta School	LOMA PRIETA SCHOOL - Recreation improvements	-	14,000	P7003
Summit Park Dedication Fund	Summit	Multiple Sites	Future Park Improvements-Planning & Development	-	20,898	P7004
<b>TOTAL</b>					<b>119,413</b>	
Eureka Park Dedication Fund	Eureka	Multiple Sites	Available Land Other - Eureka PDF	-	20,900	n/a
Eureka Park Dedication Fund	Eureka	ALDRIDGE LANE Park	ALDRIDGE LANE - Tennis Court resurfacing & park improvements	22,392	26,098	P2004
Eureka Park Dedication Fund	Eureka	BERTSCOTT ESTATE	BERTSCOTT ESTATE - Public access improvements, roof	-	93,438	P2006
<b>TOTAL</b>				<b>22,392</b>	<b>140,437</b>	
North Coast Park Dedication Fund	North Coast	Multiple Sites	Available Land Other - North Coast PDF	-	1,734	n/a
North Coast Park Dedication Fund	North Coast	North Coast Beaches	NORTHCOAST BEACHES Improvements	-	3,341	P3508
North Coast Park Dedication Fund	North Coast	Pacific Elementary School	Basketball court resurfacing at Pacific Elementary School	-	8,500	P3808
<b>TOTAL</b>					<b>12,575</b>	
Bonny Doon Park Dedication Fund	Bonny Doon	Multiple Sites	Available Land Other - Bonny Doon PDF	-	65,542	n/a
<b>TOTAL</b>					<b>65,542</b>	
Salsipuedes Park Dedication Fund	Salsipuedes	Multiple Sites	Available Land Other - Salsipuedes PDF	-	71,143	n/a
Salsipuedes Park Dedication Fund	Salsipuedes	Multiple Sites	Future Park Improvements-Planning & Development	-	3,214	P4813
<b>TOTAL</b>					<b>74,357</b>	
Parks Certificate Reserve Fund	Multiple	Multiple Sites	Available Land Other- CERTS Reserve	-	11,653	n/a
<b>TOTAL</b>					<b>11,653</b>	
State Park Bond	Soquel	Heart of Soquel Phase I	Phase I	(95)	1,000	P6829
<b>TOTAL</b>				<b>(95)</b>	<b>1,000</b>	

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Capital Fund 28 - RSA Capital Projects	Live Oak, Soquel	RDA Capital Projects Fund	Misc Improvements	-	29,384	O3001
Capital Fund 28 - RSA Capital Projects	Soquel	Farm Park	Farm Park	-	6,368	P6522
Capital Fund 28 - RSA Capital Projects	Live Oak	East Cliff Stabilization	East Cliff Stabilization Monitoring	-	3,234	R3063
<b>TOTAL</b>				-	<b>39,016</b>	
Capital Fund 40 - Simpkins Swim Center	Live Oak	SIMPKINS FAMILY SWIM CENTER	Misc Improvements	-	75,000	P3063
<b>TOTAL</b>				-	<b>75,000</b>	
Capital Fund 40 - 842 Front Street (Vets Hall) City of Santa Cruz		Veteran's Memorial Building	Repairs & Improvements, including Auditorium ceiling repair, wood floor refinishing, seating, stage improvements, flood repairs/mitigation	-	95,843	n/a
<b>TOTAL</b>				-	<b>95,843</b>	
Capital Fund 40 - Parks, Open Space	San Lorenzo	Bear Creek Country Club	District 5 - Assist Boulder Creek Rec Dist purchase of Bear Creek Country Club	450,000	-	O0066
Capital Fund 40 - Parks, Open Space	Eureka	BERTSCOTT ESTATE	PARKS - BERTSCOTT PUBLIC ACCESS IMPROVEMENTS (191152)	-	44,940	P3006
Capital Fund 40 - Parks, Open Space	San Lorenzo	Felton Covered Bridge	PELTON COVERED BRIDGE (191152)	-	-	P5630
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	Park Improvements - Undesignated	-	9,553	-
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 1 Park Improvements (191152)	-	432,688	O0062
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 2 Park Improvements (191152)	-	160,000	O0063
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 3 Park Improvements (191152)	-	-	O0064
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 4 Park Improvements (191152)	-	560,000	O0065
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 5 Park Improvements (191152)	-	93,340	O0066
Capital Fund 40 - Parks, Open Space	Aptos	Polo Grounds Park	District 2 - Polo Grounds restroom	103,915	14,849	O0067
Capital Fund 40 - Parks, Open Space	Live Oak	Twin Lakes Beachfront	District 3 - Twin Lakes Beachfront construction contingency	-	560,000	O0064
<b>TOTAL</b>				<b>553,915</b>	<b>1,878,350</b>	
Capital Fund 40 - 191162 Deferred Maintenance: Aptos		Aptos Village Park	Deferred Maint: Termite repairs & other repairs/Improvements	6,883	14,541	O0067
Capital Fund 40 - 191162 Deferred Maintenance: San Lorenzo		Ben Lomond Library	Repair roof, gutters, deck, front porch, ADA	-	25,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Eureka		Bert Scott Estate	Merk Road Rental House roof & gutter	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Eureka		BERTSCOTT ESTATE	Repair Studio roof	1,310	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Live Oak		Brommer Park	Tennis court resurfacing & Pickleball	45,088	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance: North Coast		Davenport Landing	Restroom Replacement	-	100,000	Now
Capital Fund 40 - 191162 Deferred Maintenance: San Lorenzo		Highlands Park	skylights, replacing main house & Children's Center roof, replacing septic systems	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Live Oak		Moran Lake Park	Habitat restoration: Remove non-native trees/CEQA/permits/directly	-	30,000	P3056
Capital Fund 40 - 191162 Deferred Maintenance: Multiple		Multiple Sites	Parks & Rec-20155 CERTS Projects	-	319,675	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Multiple		Multiple Sites	Replace matting at Coffee/Windie/Twin Lakes parks	-	18,000	Now
Capital Fund 40 - 191162 Deferred Maintenance: Multiple		Multiple Sites	Trail development & improvements, including Carmichael Trail, Anna Joan Cummings trails	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Pajaro		Pinto Lake	Deferred Maintenance & Improvements, incl: modular administration buildings, bathroom renovation, playground replacement/refurbishment; repairs to parking lot and back house	-	80,000	P4014, P4041
Capital Fund 40 - 191162 Deferred Maintenance: San Lorenzo		Quail Hollow Ranch	Deferred Maint incl: House repairs: siding, painting, gutters, deck stabilization; replace electrical system; replace septic system; brook erosion repairs; repair/replace barn roofs & fencing	-	30,000	Now
Capital Fund 40 - 191162 Deferred Maintenance: Aptos Hills		SCOTT PARK	SCOTT PARK - Improvements (Electrical, paving & fencing)	-	21,032	P0507
Capital Fund 40 - 191162 Deferred Maintenance: Aptos		Seascape Park	Replace Playground & refurbish park	72,994	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance: Live Oak		SIMPKINS FAMILY SWIM CENTER	Deferred Maintenance includes: replacement of water heaters, emergency lighting, filters for main pool, chlorine generator cells, work on roof to extend life for 10 years, capstones, replace waterslide, resurface pool deck, replaster main pool	47,504	108,132	O0067, P3079
<b>TOTAL</b>				<b>175,779</b>	<b>806,399</b>	
Capital Fund 42 - former RDA bond funds	Live Oak, Soquel	Multiple Sites	Capital Projects	(0)	32,574	n/a
Capital Fund 42 - former RDA bond funds	Live Oak	Twin Lakes Beachfront	Capital Projects	54,027	-	n/a
<b>TOTAL</b>				<b>54,027</b>	<b>32,574</b>	

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE- PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Capital Fund 42 - former RDA bond funds	Live Oak	East Cliff Improvements (32nd-41 st)	East Cliff Improvements (32nd-41 st)	1	-	B3045
Capital Fund 42 - former RDA bond funds	Live Oak	East Cliff Improvements (32nd-41 st)	East Cliff Improvements (32nd-41 st)	26,846	-	n/a
<b>TOTAL</b>				<b>26,846</b>	<b>-</b>	
Capital Fund 42 - former RDA bond funds	Live Oak	Twin Lakes Beachfront	Twin Lakes Beachfront	62,655	99,685	B3053
Capital Fund 42 - former RDA bond funds	Live Oak	Twin Lakes Beachfront	Twin Lakes Beachfront	3,436,927	63,304	B3053
<b>TOTAL</b>				<b>3,499,582</b>	<b>192,989</b>	
Capital Fund 42 - former RDA bond funds	Live Oak, Soquel	Special Studies	Special Studies	1	-	Q3004
Capital Fund 42 - former RDA bond funds	Live Oak, Soquel	Special Studies	Special Studies	472	-	n/a
<b>TOTAL</b>				<b>473</b>	<b>-</b>	
Capital Fund 42 - former RDA bond funds	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phases 2 & 3	85,610	158,384	P6529
<b>TOTAL</b>				<b>85,610</b>	<b>158,384</b>	
Capital Fund 42 - former RDA bond funds	Live Oak	Behavioral Health Unit	Behavioral Health Unit	-	2,299	n/a
<b>TOTAL</b>				<b>-</b>	<b>2,299</b>	
Capital Fund 49 -Aptos Parks Special Fund	Aptos	Aptos District Projects	Available Land Other Aptos District Pd 49	-	3,495	n/a
Capital Fund 49 -Aptos Parks Special Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase 1	4,583	5,272	P0082
<b>TOTAL</b>				<b>4,583</b>	<b>6,767</b>	
Capital Fund 49 - Live Oak Parks Special Fun	Live Oak	Live Oak District Projects	Available Land Other Live Oak District Pd 49	-	115,919	n/a
Capital Fund 49 - Live Oak Parks Special Fun	Live Oak	Chanticleer Park	Chanticleer Park: Phase I	-	500,902	P3032
<b>TOTAL</b>				<b>-</b>	<b>616,821</b>	
Capital Fund 49 -Soquel Parks Special Fund	Soquel	Soquel District Projects	Available Land Other Soquel District Pd 49	-	1,906	n/a
Capital Fund 49 -Soquel Parks Special Fund	Soquel	The Farm Park	Phase 2: Install Pedestrian Bridge, Bocce Ball & Pathways, and interim temporary bike pump track	49,511	165,096	P6622
<b>TOTAL</b>				<b>49,511</b>	<b>167,003</b>	
<b>TOTAL ALL</b>				<b>4,994,013</b>	<b>6,574,061</b>	
<b>TOTAL PARKS (LESS TWIN LAKES BEACHFRONT PROJECT)</b>				<b>1,440,404</b>	<b>5,831,072</b>	

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Parks Operating Budget, FEMA, CalOES	Multiple	Multiple Sites	Repair 2016 & 2017 storm damage	251,156	497,599	multiple
<b>TOTAL</b>				<b>251,156</b>	<b>497,599</b>	
La Selva Park Dedication Fund	La Selva	Multiple Sites	Available Land Other - La Selva PDF	-	22,350	n/a
La Selva Park Dedication Fund	La Selva	Multiple Sites	Miscellaneous Park Improvements-Access and Development	-	11,757	P2502
<b>TOTAL</b>				<b>-</b>	<b>34,107</b>	
Aptos Park Dedication Fund	Aptos	Multiple Sites	Available Land Other - Aptos PDF	-	52,429	n/a
Aptos Park Dedication Fund	Aptos	Aptos Village Park	APTOS PARK CENTER - Water Meter	-	-	P0049
Aptos Park Dedication Fund	Aptos	HIDDEN BEACH	HIDDEN BEACH PLAYGROUND	-	30,000	New
Aptos Park Dedication Fund	Aptos	Multiple Sites	CARMICHAEL TRAIL - Plan, develop, and mitigation; combine with AJC	-	6,871	P0061
Aptos Park Dedication Fund	Aptos	Multiple Sites	MISCELLANEOUS PARK IMPROVEMENTS	-	14,308	P0046
Aptos Park Dedication Fund	Aptos	POLO GROUNDS	POLO GROUNDS - Restroom, concession, and infrastructure improvements	34,155	3,260	P0062
Aptos Park Dedication Fund	Aptos	POLO GROUNDS	POLO GROUNDS - Storage/pathway	-	-	P0037
Aptos Park Dedication Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase 1	3,191	(0)	P0082
Aptos Park Dedication Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase 2	-	264,653	New
Aptos Park Dedication Fund	Aptos	SEASCAPE BEACH Coastal Access	Via Palo Alto Stairway design & re-build	5,076	44,924	P0088
Aptos Park Dedication Fund	Aptos	SEASCAPE PARK	SEASCAPE PARK PLAYGROUND replacement	20,000	-	New
Aptos Park Dedication Fund	Aptos	SHORE TRAIL	SHORE TRAIL - Trail access improvements	-	28,523	P0059
<b>TOTAL</b>				<b>62,382</b>	<b>443,788</b>	
Live Oak Park Dedication Fund	Live Oak	Multiple Sites	Available Land Other - Live Oak PDF	-	52,766	n/a
Live Oak Park Dedication Fund	Live Oak	Brommer Park	Brommer Park Improvements	50	21,998	New
Live Oak Park Dedication Fund	Live Oak	CHANTICLEER PARK	Chanticleer Park Phase I	81,191	46,794	P3032
Live Oak Park Dedication Fund	Live Oak	MORAN LAKE PARK	MORAN LAKE PARK IMPROVEMENTS	-	3,000	P3056
Live Oak Park Dedication Fund	Live Oak	The Farm	The Farm Phase 2	(290)	290	P3056
Live Oak Park Dedication Fund	Live Oak	Multiple Sites	Live Oak Beach Access Improvements	-	-	P3082
Live Oak Park Dedication Fund	Live Oak	Rockview Coastal Access	LO Beach Access Improvements: Rockview Improvements	1,221	1,695	New
Live Oak Park Dedication Fund	Live Oak	The Hook	LO Beach Access Improvements: Hook Shower Drainage & Electrical Improvements	20,118	26,964	P3063
Live Oak Park Dedication Fund	Live Oak	SIMPKINS FAMILY SWIM CENTER	SIMPKINS FAMILY SWIM CENTER - Improvements, Capstones (5-Yr Option)	20,879	62,539	P3063
<b>TOTAL</b>				<b>123,170</b>	<b>216,166</b>	
Pajaro Park Dedication Fund	Pajaro	Multiple Sites	Available Land Other - Pajaro PDF	-	20,347	n/a
Pajaro Park Dedication Fund	Pajaro	Mesa Village Park	MESA VILLAGE PARK IMPROVEMENTS	-	24,525	P4042
Pajaro Park Dedication Fund	Pajaro	Pinto Lake Park	PINTO LAKE PARK - Building Improvements	-	19,287	P4041
Pajaro Park Dedication Fund	Pajaro	Pinto Lake Park	PINTO LAKE PARK IMPROVEMENTS	16,645	6,176	P4014
<b>TOTAL</b>				<b>16,645</b>	<b>100,405</b>	
San Andreas Park Dedication Fund	San Andreas	Multiple Sites	Available Land Other - San Andreas PDF	-	2,888	n/a
San Andreas Park Dedication Fund	San Andreas	n/a	OPERATING TRANSFERS OUT - GENERAL FUND	5,112	-	n/a
<b>TOTAL</b>				<b>5,112</b>	<b>2,888</b>	
Carbonera Park Dedication Fund	Carbonera	Multiple Sites	Available Land Other - Carbonera PDF	-	138,647	n/a
Carbonera Park Dedication Fund	Carbonera	MICHAEL GREY FIELD	MICHAEL GREY FIELD (192150) - Group picnic/field renovation	-	13,568	P1509
Carbonera Park Dedication Fund	Carbonera	OCEAN STREET EXTENSION	OCEAN STREET EXTENSION - Erosion control/fencing	-	27,997	P1508
<b>TOTAL</b>				<b>-</b>	<b>180,412</b>	
Soquel Park Dedication Fund	Soquel	Multiple Sites	Available Land Other - Soquel PDF	-	26,600	n/a
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phase 1 Monitoring	7,318	25,432	P6829
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	Storm Damage - replace pipe & storm drain box	540	-	P6829

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Soquel Park Dedication Fund	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phases 2 & 3	-	316,246	P6829
Soquel Park Dedication Fund	Soquel	Multiple Sites	DISTRICT PLAYGROUND IMPROVEMENTS (194963)	-	18,213	P6834
Soquel Park Dedication Fund	Soquel	Soquel Lions Park	SOQUEL LIONS PARK IMPROVEMENTS - Retaining wall (194963)	-	17,875	P6837
Soquel Park Dedication Fund	Soquel	The Farm Park	Phase 2: Install Pedestrian Bridge, Bocce Ball & Pathways, and Interim temporary bike pump track	6,562	60,450	P6582
Soquel Park Dedication Fund	Soquel	Willowbrook Park	WILLOWBROOK PARK - Play area improvements, surfacing (194963)	-	-	P6528
Soquel Park Dedication Fund	Soquel	Willowbrook Park	WILLOWBROOK PARK Improvements	-	24,548	New
<b>TOTAL</b>				<b>14,320</b>	<b>416,163</b>	
San Lorenzo Park Dedication Fund	San Lorenzo	Felton Covered Bridge	FELTON COVERED BRIDGE	-	-	P5530
San Lorenzo Park Dedication Fund	San Lorenzo	n/a	OPERATING TRANSFERS OUT - GENERAL FUND	43,201	10,592	n/a
<b>TOTAL</b>				<b>43,201</b>	<b>10,592</b>	
Aptos Hills Park Dedication Fund	Aptos Hills	Multiple Sites	Available Land Other - Aptos Hills PDF	-	8,093	n/a
Aptos Hills Park Dedication Fund	Aptos Hills	FREEDOM LAKE	DEMOLISH STRUCTURES AT FREEDOM LAKE	-	-	P0809
Aptos Hills Park Dedication Fund	Aptos Hills	FREEDOM LAKE	FREEDOM LAKE - Water Hyacinth removal	-	34,819	P0805
Aptos Hills Park Dedication Fund	Aptos Hills	n/a	OPERATING TRANSFERS OUT TO APTOS PD	3,393	-	n/a
Aptos Hills Park Dedication Fund	Aptos Hills	SCOTT PARK	SCOTT PARK - Improvements (Electrical, paving & fencing)	-	33,968	P0807
Aptos Hills Park Dedication Fund	Aptos Hills	VALENCIA HALL / POST OFFICE	GATE AT VALENCIA HALL / POST OFFICE (192170)	-	-	P0508
Aptos Hills Park Dedication Fund	Aptos Hills	VALENCIA HALL AND POST OFFICE	VALENCIA HALL AND POST OFFICE - Preservation of structures	-	27,703	P0501
<b>TOTAL</b>				<b>3,393</b>	<b>94,583</b>	
Skyline Park Dedication Fund	Skyline	Multiple Sites	Available Land Other - Skyline PDF	-	82,636	n/a
Skyline Park Dedication Fund	Skyline	Multiple Sites	Future Park Improvements-Planning & Development	-	19,301	P6003
<b>TOTAL</b>					<b>101,937</b>	
Summit Park Dedication Fund	Summit	Multiple Sites	Available Land Other Summit PDF	-	65,982	n/a
Summit Park Dedication Fund	Summit	Loma Prieta School	LOMA PRIETA SCHOOL - Field Improvements (194964)	-	18,633	P7002
Summit Park Dedication Fund	Summit	Loma Prieta School	LOMA PRIETA SCHOOL - Recreation Improvements	-	14,000	P7003
Summit Park Dedication Fund	Summit	Multiple Sites	Future Park Improvements-Planning & Development	-	20,866	P7004
<b>TOTAL</b>					<b>119,413</b>	
Eureka Park Dedication Fund	Eureka	Multiple Sites	Available Land Other - Eureka PDF	-	30,900	n/a
Eureka Park Dedication Fund	Eureka	ALDRIDGE LANE Park	ALDRIDGE LANE - Tennis Court resurfacing & park improvements	22,392	26,095	P2004
Eureka Park Dedication Fund	Eureka	BERTSCOTT ESTATE	BERTSCOTT ESTATE - Public access improvements, roof	-	93,432	P2006
<b>TOTAL</b>				<b>22,392</b>	<b>140,427</b>	
North Coast Park Dedication Fund	North Coast	Multiple Sites	Available Land Other - North Coast PDF	-	1,734	n/a
North Coast Park Dedication Fund	North Coast	North Coast Beaches	NORTH COAST BEACHES improvements	-	2,341	P3808
North Coast Park Dedication Fund	North Coast	Pacific Elementary School	Basketball court resurfacing at Pacific Elementary School	-	8,500	P3809
<b>TOTAL</b>					<b>12,575</b>	
Bonny Doon Park Dedication Fund	Bonny Doon	Multiple Sites	Available Land Other - Bonny Doon PDF	-	65,542	n/a
<b>TOTAL</b>					<b>65,542</b>	
Salsipuedes Park Dedication Fund	Salsipuedes	Multiple Sites	Available Land Other - Salsipuedes PDF	-	71,143	n/a
Salsipuedes Park Dedication Fund	Salsipuedes	Multiple Sites	Future Park Improvements-Planning & Development	-	3,214	P4513
<b>TOTAL</b>					<b>74,357</b>	
Parks Certificate Reserve Fund	Multiple	Multiple Sites	Available Land Other- CERTS Reserve	-	11,653	n/a
<b>TOTAL</b>					<b>11,653</b>	
State Park Bond	Soquel	Heart of Soquel Phase 1	Phase 1	(95)	1,000	P6829
<b>TOTAL</b>				<b>(95)</b>	<b>1,000</b>	



## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Capital Fund 28 - RSA Capital Projects	Live Oak, Soquel	RDA Capital Projects Fund	Misc Improvements	-	29,394	O3001
Capital Fund 28 - RSA Capital Projects	Soquel	Farm Park	Farm Park	-	6,588	P6582
Capital Fund 28 - RSA Capital Projects	Live Oak	East Cliff Stabilization	East Cliff Stabilization Monitoring	-	3,234	R3083
<b>TOTAL</b>				-	<b>39,016</b>	
Capital Fund 40 - Simpkins Swim Center	Live Oak	SIMPKINS FAMILY SWIM CENTER	Misc Improvements	-	75,000	P3063
<b>TOTAL</b>				-	<b>75,000</b>	
Capital Fund 40 - 842 Front Street (Vets Hall) City of Santa Cruz		Veteran's Memorial Building	Repairs & improvements, including Auditorium ceiling repair, wood floor refinishing, sealing, stage improvements, flood repairs/mitigation	-	95,843	n/a
<b>TOTAL</b>				-	<b>95,843</b>	
Capital Fund 40 - Parks, Open Space	San Lorenzo	Bear Creek Country Club	District 5 - Assist Boulder Creek Rec Dist purchase of Bear Creek Country Club	450,000	-	O0066
Capital Fund 40 - Parks, Open Space	Eureka	BERTSCOTT ESTATE	PARKS - BERTSCOTT PUBLIC ACCESS IMPROVEMENTS (191152)	-	44,940	P3006
Capital Fund 40 - Parks, Open Space	San Lorenzo	Felton Covered Bridge	FELTON COVERED BRIDGE (191152)	-	-	P5530
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	Park Improvements - Undesignated	-	9,833	
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 1 Park Improvements (191152)	-	433,688	O0062
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 2 Park Improvements (191152)	-	160,000	O0063
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 3 Park Improvements (191152)	-	-	O0064
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 4 Park Improvements (191152)	-	560,000	O0065
Capital Fund 40 - Parks, Open Space	Multiple	Multiple Sites	District 5 Park Improvements (191152)	-	93,340	O0066
Capital Fund 40 - Parks, Open Space	Aplos	Polo Grounds Park	District 2 - Polo Grounds restroom	103,918	14,849	O0083
Capital Fund 40 - Parks, Open Space	Live Oak	Twin Lakes Beachfront	District 3 - Twin Lakes Beachfront construction contingency	-	560,000	O0064
<b>TOTAL</b>				<b>553,918</b>	<b>1,875,350</b>	
Capital Fund 40 - 191162 Deferred Maintenance	Aplos	Aplos Village Park	Deferred Maint: Termite repairs & other repairs/improvements	6,883	14,541	O0067
Capital Fund 40 - 191162 Deferred Maintenance	San Lorenzo	Ben Lomond Library	Repair roof, gutters, deck, front porch, ADA	-	25,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Eureka	Bert Scott Estate	Merk Road Rental House roof & gutter	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Eureka	BERTSCOTT ESTATE	Repair Studio roof	1,310	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Live Oak	Brommer Park	Tennis court resurfacing & Pickleball	45,088	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance	North Coast	Davenport Landing	Restroom Replacement	-	100,000	New
Capital Fund 40 - 191162 Deferred Maintenance	San Lorenzo	Highlands Park	skylights, replacing main house & Children's Center roof, replacing septic systems	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Live Oak	Moran Lake Park	Habitat restoration: Remove non-native trees/CEQA/permits/butterfly	-	30,000	P3086
Capital Fund 40 - 191162 Deferred Maintenance	Multiple	Multiple Sites	Parks & Rec-2015B CERTS Projects	-	319,873	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Multiple	Multiple Sites	Replace matting at Coffee/Winkle/Twin Lakes parks	-	18,000	New
Capital Fund 40 - 191162 Deferred Maintenance	Multiple	Multiple Sites	Trail development & improvements, including Carmichael Trail, Anna Joan Cummings trails	-	30,000	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Pajaro	Pino Lake	Deferred Maintenance & Improvements, incl: modular administration buildings, bathroom renovation, playground replacement/refurbishment; repairs to parking lot and back house	-	50,000	P4014, P4041
Capital Fund 40 - 191162 Deferred Maintenance	San Lorenzo	Quail Hollow Ranch	Deferred Maint incl: House repairs: siding, painting, gutters, deck stabilization; replace electrical system; replace septic system; brook erosion repairs; repair/replace barn roofs & fencing	-	30,000	New
Capital Fund 40 - 191162 Deferred Maintenance	Aplos Hills	SCOTT PARK	SCOTT PARK - Improvements (Electrical, paving & fencing)	-	21,032	P0507
Capital Fund 40 - 191162 Deferred Maintenance	Aplos	Seascape Park	Replace Playground & refurbish park	73,984	-	O0067
Capital Fund 40 - 191162 Deferred Maintenance	Live Oak	SIMPKINS FAMILY SWIM CENTER	Deferred Maintenance includes: replacement of water heaters, emergency lighting, filters for main pool, chlorine generator cells, work on roof to extend life for 10 years, capstones, replace waterslide, resurface pool deck, replaster main pool	47,504	108,182	O0067, P3079
<b>TOTAL</b>				<b>175,779</b>	<b>866,389</b>	
Capital Fund 42 - former RDA bond funds	Live Oak, Soquel	Multiple Sites	Capital Projects	(0)	33,574	n/a
Capital Fund 42 - former RDA bond funds	Live Oak	Twin Lakes Beachfront	Capital Projects	54,027	-	n/a
<b>TOTAL</b>				<b>54,027</b>	<b>33,574</b>	

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

### FINANCING SUMMARY BY FUNDING SOURCE: PARKS CAPITAL PROJECTS

SECURED FUNDING SOURCES	AREA	PARK	DESCRIPTION	ACTUAL EXPENDITURES 2016-17	2017-18 APPROPRIATIONS	CIP NUMBER
Capital Fund 42 - former RD A bond funds	Live Oak	East Cliff Improvements (32nd-41 st)	East Cliff Improvements (32nd-41 st)	1	-	B3045
Capital Fund 42 - former RD A bond funds	Live Oak	East Cliff Improvements (32nd-41 st)	East Cliff Improvements (32nd-41 st)	28,845	-	n/a
<b>TOTAL</b>				<b>28,846</b>	<b>-</b>	
Capital Fund 42 - former RD A bond funds	Live Oak	Twin Lakes Beachfront	Twin Lakes Beachfront	62,555	99,665	B3053
Capital Fund 42 - former RD A bond funds	Live Oak	Twin Lakes Beachfront	Twin Lakes Beachfront	3,436,927	83,304	B3053
<b>TOTAL</b>				<b>3,499,582</b>	<b>182,969</b>	
Capital Fund 42 - former RD A bond funds	Live Oak, Soquel	Special Studies	Special Studies	1	-	O3004
Capital Fund 42 - former RD A bond funds	Live Oak, Soquel	Special Studies	Special Studies	472	-	n/a
<b>TOTAL</b>				<b>473</b>	<b>-</b>	
Capital Fund 42 - former RD A bond funds	Soquel	Heart of Soquel Park	HEART OF SOQUEL - Phases 2 & 3	85,610	158,384	P6829
<b>TOTAL</b>				<b>85,610</b>	<b>158,384</b>	
Capital Fund 42 - former RD A bond funds	Live Oak	Behavioral Health Unit	Behavioral Health Unit	-	2,299	n/a
<b>TOTAL</b>				<b>-</b>	<b>2,299</b>	
Capital Fund 49 - Aptos Parks Special Fund	Aptos	Aptos District Projects	Available Land Other Aptos District Pd 49	-	3,495	n/a
Capital Fund 49 - Aptos Parks Special Fund	Aptos	Seacliff Village Park	Seacliff Village Park - Phase I	4,583	5,272	P0052
<b>TOTAL</b>				<b>4,583</b>	<b>8,767</b>	
Capital Fund 49 - Live Oak Parks Special Fun	Live Oak	Live Oak District Projects	Available Land Other Live Oak District Pd 49	-	115,919	n/a
Capital Fund 49 - Live Oak Parks Special Fun	Live Oak	Chanticleer Park	Chanticleer Park Phase I	-	500,902	P3032
<b>TOTAL</b>				<b>-</b>	<b>616,821</b>	
Capital Fund 49 - Soquel Parks Special Fund	Soquel	Soquel District Projects	Available Land Other Soquel District Pd 49	-	1,206	n/a
Capital Fund 49 - Soquel Parks Special Fund	Soquel	The Farm Park	Phase 2: Install Pedestrian Bridge, Bocce Ball & Pathways, and interim temporary bike pump track	49,511	155,095	P6822
<b>TOTAL</b>				<b>49,511</b>	<b>157,003</b>	
<b>TOTAL ALL</b>				<b>4,994,013</b>	<b>6,574,061</b>	
<b>TOTAL PARKS (LESS TWIN LAKES BEACHFRONT PROJECT)</b>				<b>1,440,404</b>	<b>5,831,073</b>	

COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

**UNPROGRAMMED PROJECTS:  
PARKS FUTURE NEEDS LIST COUNTYWIDE**

Supervisorial Districts



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**UNPROGRAMMED PARK PROJECTS: PARKS FUTURE NEEDS LIST**

AREA	PARK	DESCRIPTION	ESTIMATED PROJECT COST	CIP NUMBER	CATEGORY
Aptos	Aptos Beaches	Aptos Area Beaches - Regional Park Development	521,220	P0008	Improvements
Aptos	Aptos Creek Park	Aptos Creek Park - Neighborhood Park Planning And Development	500,000	P0063	New Park Development
Aptos	Aptos Jr High School Park	Aptos Junior High School Park - Neighborhood Park Development	72,971	P0004	New Park Development
Aptos	Aptos Village Park	Turf Renovation	60,000		Deferred Maintenance
Aptos	Aptos Village Park	Additional Parking	80,000		Improvements
Aptos	Aptos Village Park	Other Recreational Feature	80,000		Improvements
Aptos	Aptos Village Park	Install New Stairs Playground To Turf	18,000		Improvements
Aptos	Jennifer/Haas Park	Jennifer/Haas Park - Land Acquisition	2,084,880	P0001	Acquisition
Aptos	Jennifer/Haas Park	Jennifer/Haas Park - Park Development	729,708	P0002	New Park Development
Aptos	Mar Vista School Park	Mar Vista School Park - Park Development	156,366	P0003	New Park Development
Aptos	Polo Ground Park	Complete Parking Lot	50,000		Improvements
Aptos	Polo Ground Park	Polo Grounds - Neighborhood Park Development	521,220	P0006	Future Phase Park Development
Aptos	Polo Ground Park	Polo Grounds - Community Park Development	6,671,616	P0007	Future Phase Park Development
Aptos	Porter Sesnon Park	Porter Sesnon Park - Land Acquisition	1,798,209	P0010	Acquisition
Aptos	Porter Sesnon Park	Porter Sesnon Park - Land Acquisition	3,596,418	P0012	Acquisition
Aptos	Porter Sesnon Park	Porter Sesnon Park - Park Development	625,464	P0011	New Park Development
Aptos	Porter Sesnon Park	Porter Sesnon Park - Park Development	1,043,440	P0013	New Park Development
Aptos	Seacliff Village Park	Phase 2 Development	729,708	P0052	Future Phase Park Development
Aptos	Shore Trail	Shore Trail - (Phase 2) Development	36,485	P0014	Future Phase Park Development
Aptos Hills	Aptos High School Park	Aptos High School Park - Community Park Development	71,400	P0508	New Park Development
Aptos Hills	Bert Scott Estate	Bert Scott Park - Neighborhood Park Development	408,000	P0507	New Park Development
Aptos Hills	Castro Adobe	Castro Adobe	510,000	P0502	Improvements
Aptos Hills	Freedom Blvd Park	Freedom Blvd Park - Land Acquisition	3,040,000	P0504	Acquisition
Aptos Hills	Freedom Blvd Park	Freedom Blvd Park - Park Development	714,000	P0505	New Park Development
Aptos Hills	Freedom Lake	Freedom Lake - Park Development	510,000	P0506	New Park Development
City of Santa Cruz	Emeline Campus- Lot Next To Bldg K	Clean Up & Repurpose	60,000		Improvements
City of Santa Cruz	Government Center	Repurpose South Lawn	300,000		Improvements
City of Santa Cruz	Government Center & Emeline	Replace Irrigation & Improve Landscape	200,000		Improvements
City of Watsonville	Freedom Campus	Tree Work - Remove Stone Pine Trees (Prior To Parking Lot Work)	35,000		Deferred Maintenance
City of Watsonville	Freedom Campus	Parking Lot: Lighting, Ada, Drainage, Paving	300,000		Improvements
Eureka Canyon	Aldridge Lane Park	Complete Phase 2	500,000	P2001	Future Phase Development
Eureka Canyon	Bert Scott Estate	Bert Scott Estate - Community Park Development	408,000	P2003	New Park Development
La Selva	Place De Mer Park	Place De Mer Park - Park Development	408,000	P2501	New Park Development
Live Oak	7th/Brommer Park	7th Avenue And Brommer Street Park - Park Development	1,224,000	P3026	New Park Development
Live Oak	Brommer Park	Restroom & Irrigation Improvements	50,000		Improvements
Live Oak	Brommer Park	Field Improvements	472,200		Improvements
Live Oak	Cabrillo Avenue Park	Cabrillo Avenue Park - Land Acquisition	1,020,000	P3027	Acquisition
Live Oak	Cabrillo Avenue Park	Cabrillo Avenue Park - Park Development	510,000	P3028	New Park Development
Live Oak	Chaminade Uplands	Chaminade Uplands - Land Acquisition	6,120,000	P3029	Acquisition
Live Oak	Chaminade Uplands	Chaminade Uplands - Park Development	1,632,000	P3030	New Park Development

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**UNPROGRAMMED PARK PROJECTS: PARKS FUTURE NEEDS LIST**

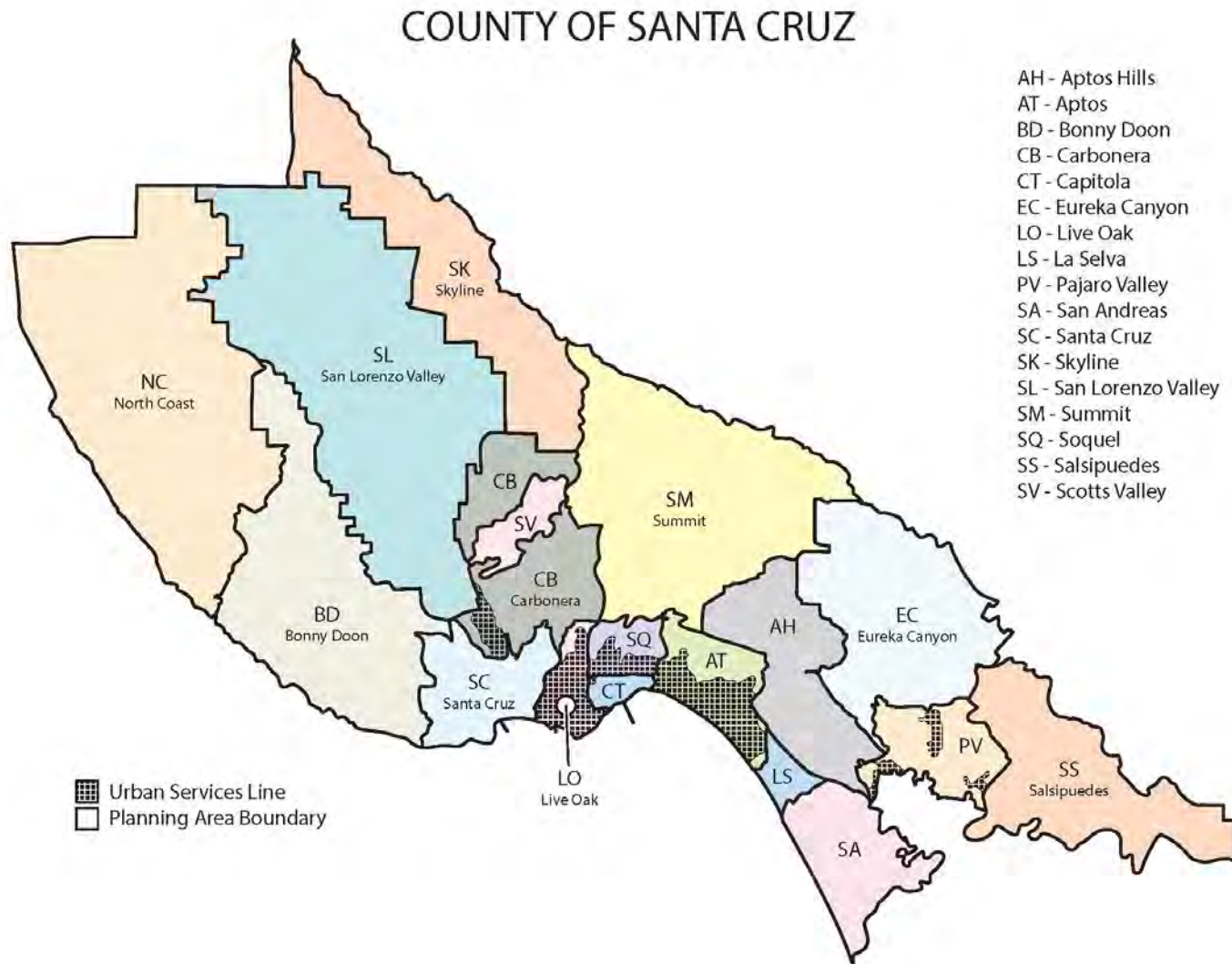
AREA	PARK	DESCRIPTION	ESTIMATED PROJECT COST	CIP NUMBER	CATEGORY
Live Oak	Chanticleer Park Phase 2	Turf Areas, Walking Paths, Tennis Court, Bocce, Picnic Areas, Skate Feature, Ro-Do Bike Pump Track	1,500,000		Future Phase Development
Live Oak	Coastview Drive Park	Coastview Drive Park - Land Acquisition	348,800	P3033	Acquisition
Live Oak	Coastview Drive Park	Coastview Drive Park - Park Development	132,600	P3034	New Park Development
Live Oak	Corcoran Beach	Corcoran Beach - Access Improvements	408,000	P3081	Improvements
Live Oak	Floral Park	Play Area & Turf Renovation	150,000		Improvements or Deferred Maintenance
Live Oak	Harper Street East Park	Harper Street East - Park Development	612,000	P3036	New Park Development
Live Oak	Jose Avenue Park	Misc Fence & Bridge Repairs, Expand Gardens	40,000		Improvements, Deferred Maintenance
Live Oak	Live Oak Beaches	Live Oak Area Beaches (incl. Corcoran, E. Cliff & Johann's beaches) - Land Acquisition	310,000	P3015	Acquisition
Live Oak	Live Oak School Park	Live Oak School - Land Acquisition	175,440	P3011	Acquisition
Live Oak	Live Oak School Park	Live Oak School - Park Development	51,000	P3012	New Park Development
Live Oak	Lode Street Park	Lode Street Park - Park Development	214,200	P3014	New Park Development
Live Oak	Mattison Lane Park	Mattison Lane - Land Acquisition	2,040,000	P3023	Acquisition
Live Oak	Mattison Lane Park	Mattison Lane - Park Development	714,000	P3024	New Park Development
Live Oak	Moran Lake Park	Restroom Improvements	50,000		Improvements
Live Oak	Moran Lake Park	Beach & Roadway Repairs	55,000		Improvements
Live Oak	Moran Lake Park	Moran Lake - Park Development	1,122,000	P3016	Future Phase Park Development
Live Oak	Portola Drive/Rodeo Gulch Park	Portola Drive/Rodeo Gulch Park - Land Acquisition	510,000	P3043	Acquisition
Live Oak	Portola Drive/Rodeo Gulch Park	Portola Drive/Rodeo Gulch Park - Park Development	863,000	P3044	New Park Development
Live Oak	Santa Cruz Garden Park	Katherine Lane - (Santa Cruz Garden) Park Development	153,000	P3020	Future Phase Park Development
Live Oak	Simpkins Family Swim Center	Install Exercise Equipment	50,000		Improvements
Live Oak	Simpkins Family Swim Center	Replace Roof	300,000		Deferred Maintenance
Live Oak	Simpkins Family Swim Center	Winter Cover Warm Water Pool	1,000,000		Improvements
Live Oak	Sunny Cove Beach	Sunny Cove Beach - Access Improvements	1,020,000	P3080	Improvements
Live Oak	Twin Hills Park	Twin Hills Park - Land Acquisition	204,000	P3047	Acquisition
Live Oak	Twin Hills Park	Twin Hills Park - Park Development	204,000	P3048	New Park Development
Live Oak	Twin Lakes Park	Drainage And Fencing	30,000		Improvements
Live Oak	Winkle Farm Park	Rental Houses Repairs (Roof/Paint/Windows) and Demolish Barn	50,000		Deferred Maintenance
Live Oak	Winkle Farm Park	Winkle Farm - (Phase II) Park Development	408,000	P3022	Future Phase Park Development
North Coast	North Coast Beaches	Northcoast Beaches Plan Implementation (Scott Creek Restroom, Etc.)	1,020,000	P3511	Improvements
Pajaro Valley	Misc. School Sites	Misc. School Sites	1,020,000	P4001	Improvements
Pajaro Valley	Pinto Lake Park	Pinto Lake - Park Development	2,850,000	P4000	Future Phase Park Development
Pajaro Valley	South County Park (Assume 3 Acres)	Acquisition, Design, Development	6,300,000		Acquisition, New Park Development
Salsipuedes	Salsipuedes Park	Neighborhood/Community Park - Land Acquisition	3,040,000	P4511	Acquisition
Salsipuedes	Salsipuedes Park	Neighborhood/Community Park - Park Development	2,040,000	P4512	New Park Development
San Lorenzo	Ben Lomond Park	River Access Project	780,000		Improvements

**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM**

**UNPROGRAMMED PARK PROJECTS: PARKS FUTURE NEEDS LIST**

AREA	PARK	DESCRIPTION	ESTIMATED PROJECT COST	CIP NUMBER	CATEGORY
San Lorenzo	Ben Lomond Park	Ben Lomond River Park - Neighborhood Park Expansion Land Acquisition	224,400	P5513	Acquisition
San Lorenzo	Ben Lomond Park	Ben Lomond River Walk - Neighborhood Park Land Acquisition	25,500	P5514	Acquisition
San Lorenzo	Boulder Creek Junction Park	Boulder Creek Junction Park - (Downtown, Boulder Creek Recreation District)	25,000	P5520	New Park Development
San Lorenzo	Felton Covered Bridge Park	Restroom	250,000		Improvements
San Lorenzo	Felton Covered Bridge Park	Felton - Equestrian Improvements per Village Plan	5,100	P5516	Improvements
San Lorenzo	Felton Library Grounds	Design & Development	500,000		New Park Development
San Lorenzo	Highlands Park	Highlands Park - Reconfigure Fields, Ada, Bleachers, Extend Road, Remove Pool, Reroof Restroom	1,000,000	P5507	Improvements
San Lorenzo	Lompico Community Center	Lompico Community Center - Development	408,000	P5518	New Park Development
San Lorenzo	Miller Property	Miller Property - Master Plan And Improvements	510,000	P5534	New Park Development
San Lorenzo	Pace Family Wilderness	Pace Family Wilderness - Park Development	408,000	P5535	New Park Development
San Lorenzo	Quail Hollow Ranch	Replace Bridge Across Q.H. Brook	400,000		Deferred Maintenance
San Lorenzo	Quail Hollow Ranch	Pond Dam Upgrades	65,000		Improvements
San Lorenzo	Quail Hollow Ranch	Quail Hollow Ranch - Park Development	3,060,000	P5506	Future Phase Park Development
San Lorenzo	Wilder Hall	Access & Building Improvements	30,000		Improvements
San Lorenzo	Zayante Park	Zayante Community Park - Land Acquisition	918,000	P5519	Acquisition
San Lorenzo	Zayante Park	Zayante Community Park - Development	612,000	P5519	New Park Development
Skyline	Skyline Park	Community Park - Land Acquisition	612,000	P6001	Acquisition
Skyline	Skyline Park	Community Park - Park Development	918,000	P6002	New Park Development
Soquel	Anna Jean Cummings Park	Water Re-Charge Facility Improvements	50,000		Improvements
Soquel	Anna Jean Cummings Park	Renovate Athletic Fields, Drainage, Irrigation	175,000		Improvements or Deferred Maintenance
Soquel	The Farm Park - Future Phase	Farm Park & Community Center - Park Development	12,240,000	P6530	Future Phase Development
multiple	Multiple Sites	Install Exercise Equipment	100,000		Improvements
multiple	Tree Inventory & Maintenance Plan	Create Tree Inventory & Maintenance Plan for all parks	100,000		Improvements
unknown	Maintenance Yard	Maintenance Yard - Development	1,224,000	P3004	New Park Development
unknown	Maintenance Yard	Maintenance Yard - Land Acquisition	3,060,000	P3003	Acquisition
<b>TOTAL: PARKS FUTURE NEEDS</b>			<b>92,210,345</b>		

## SECTION VI: APPENDIX MAP OF GENERAL PLAN AREAS



**COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM  
LISTING OF 2016-2017 DISASTER SITES**

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
1	Various Roads	Countywide	Varies	P76501	Debris Removal	\$800,000			\$800,000
2	Various Roads	Countywide	Varies	P76502	Storm Protective Measures		\$400,000		\$400,000
3	Alba Rd	PM 0.73	Jan. 18-23, 2017	P76517	Roadway settlement with large cracks			\$470,000	\$470,000
4	Alba Rd	PM 1.58	Jan. 18-23, 2017	P76518	75' x 60' deep slipout			\$425,000	\$425,000
5	Alta Via Rd	PM 0.42	Feb. 1-23, 2017	P76775	Cracking road - 42' L x 8' D soldier pile wall			\$328,000	\$328,000
6	Bean Creek Rd	PM 2.10	Jan. 18-23, 2017	P76550	Slipout - 48'L x 15'D - install soldier pile wall			\$528,000	\$528,000
7	Bear Creek Rd	PM 0.20	Jan. 3-12, 2017	P76511	Road embankment slipout damaged a portion of the road and existing culvert. Replace existing culvert and provide an MSE retaining structure.			\$1,261,000	\$1,793,250
8	Bear Creek Rd	PM 1.44	Jan. 3-12, 2017	P76508	12" culvert failure, minor shoulder embankment slipout			\$172,834	\$172,834
9	Bear Creek Rd	PM 2.12	Feb. 1-23, 2017	P76710	26' W slipout, repair with cribwall			\$528,000	\$528,000
10	Bear Creek Rd	PM 4.99	Feb. 1-23, 2017	P76711	slipout			\$599,000	\$599,000
11	Bear Creek Rd	PM 7.0	Feb. 1-23, 2017	P76819	slipout				\$227,000
12	Bear Creek Rd	PM 7.26	Feb. 1-23, 2017	P76712	slipout - shoulder embankment				\$604,000
13	Bear Creek Rd	PM 8.02	Jan. 18-23, 2017	P76528	slipout			\$1,062,327	\$1,062,327
14	Begonia Place	ECM	Feb. 1-23, 2017	P76728	pavement/subgrade failure due to flooding and excessive subsurface water			\$96,000	\$96,000
15	Blue Ridge Dr	PM 0.49	Jan. 3-12, 2017	P76532	40' L x 12' D slipout, repair with soldier pile wall and A.C. pavement repair			\$299,000	\$299,000
16	Borregas Creek/Seacliff Dr	Seacliff	Jan. 3-12, 2017	P76504	Slope failure that damaged a sewer main - 30'L X 20' W x 4' Thick = 2400 cf = 89 CY			\$500,000	\$500,000
17	Branciforte Dr	PM 1.77	Jan. 3-12, 2017	P76509	50' L x 60' W x 10' D slipout, repair with engineered fill, A.C. dike and overside drain			\$253,000	\$253,000
18	Branciforte Dr	PM 2.22	Jan. 18-23, 2017	P76551	slipout - 60'x15'			\$615,979	\$615,979
19	Browns Valley Rd	PM 2.14	Feb. 1-23, 2017	P76820	Crib Wall lost fill - still standing			\$127,857	\$127,857
20	Browns Valley Rd	PM 2.93	Feb. 1-23, 2017	P76580	Slipout - 25'L x 10'D - install soldier pile wall			\$112,000	\$112,000
21	Buzzard Lagoon Rd	PM 2.45	Feb. 1-23, 2017	P76776	severe rutting and erosion			\$109,886	\$109,886
22	Canham Rd	PM 0.50	Jan. 18-23, 2017	P76533	slipout road edge			\$268,511	\$268,511
23	Cassery Rd	PM 2.93	Feb. 1-23, 2017	P76777	Slipout - 80'L x 10'D - install soldier pile wall			\$759,805	\$759,805
24	Cassery Rd	PM 3.42	Feb. 1-23, 2017	P76821	Erosion Behind existing culvert headwall			\$43,423	\$43,423
25	Cassery Rd	PM 3.39	Feb. 1-23, 2017	P76822	Slipout - 20' wide x 15' deep			\$130,268	\$130,268
26	Cathedral Dr	PM 1.05	Feb. 1-23, 2017	P76729	culvert failure, shoulder embankment slumping			\$60,969	\$60,969
27	Cathedral Dr	PM 1.21	Feb. 1-23, 2017	P76730	slipout shoulder embankment			\$498,384	\$498,384
28	Cherryvale Ave	Address 4155	Feb. 1-23, 2017	P76731	slipout			\$111,000	\$110,000
29	China Grade	PM 1.35	Feb. 1-23, 2017	P76828	shoulder embankment & road failure, culvert failure				\$235,000
30	China Grade	PM 1.84	Feb. 1-23, 2017	P76829	shoulder embankment & road failure, culvert failure				tbd
31	Cox Rd	PM 2.13	Feb. 1-23, 2017	P76778	20' Long slipout and failed down drain				tbd
32	Cox Rd	PM 1.93	Jan. 18-23, 2017	P76553	22' L slipout, install cribwall, pavement repair, AC dike, drainage system			\$360,000	\$360,000
33	Cox Rd	PM 2.03	Jan. 18-23, 2017	P76552	54' L slipout, install pier lagging wall, pavement repair, AC dike, guard rail			\$1,650,587	\$1,650,587
34	East Cliff Dr	At Corcoran Lagoon	Jan. 3-12, 2017	P76583	Wave runup damaged inboard shoulder - RSP repair			ROUGH	\$150,000
35	East Zayante Rd	PM 0.59	Feb. 1-23, 2017	P76584	failed cross culvert with minor slipout			ROUGH	\$80,000
36	East Zayante Rd	PM 4.33	Jan. 18-23, 2017	P76585	failed 12"x30' cross culvert with minor slipout			ROUGH	\$100,000
37	El Rancho Dr	PM 0.47	Jan. 18-23, 2017	P76530	slipout of rsp on old repair site			ROUGH	\$80,000
38	Eureka Canyon Rd	PM 1.27	Feb. 1-23, 2017	P76830	SLIPOUT - FALLING TREES			\$229,873	\$229,873
39	Eureka Canyon Rd	PM 3.16	Jan. 18-23, 2017	P76519	Failure of 3' culvert and associated slipout			\$489,050	\$489,050
40	Eureka Canyon Rd	PM 3.36	Jan. 18-23, 2017	P76520	Major slipout (30') with signs of potential deep seated landslide for additional 70'			\$532,000	\$532,000
41	Eureka Canyon Rd	PM 3.50	Jan. 18-23, 2017	P76521	Tree Fell on causing minor slipout on edge of roadway			\$54,588	\$54,588
42	Eureka Canyon Rd	PM 4.28	Feb. 1-23, 2017	P76582	Shifted RSP repair (March 2016 DAF has been Approved)			\$180,602	\$180,602



## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
43	Eureka Canyon Rd	PM 4.67	Feb. 1-23, 2017	P76779	slipout			\$230,582	\$230,582
44	Eureka Canyon Rd	PM 5.05	Jan. 18-23, 2017	P76713	slipout - 25' wide by 12' deep			\$288,184	\$288,184
45	Eureka Canyon Rd	PM 5.33	Feb. 1-23, 2017	P76732	slipout embankment shoulder adjacent to creek			\$509,594	\$509,594
46	Eureka Canyon Rd	PM 5.88	Feb. 1-23, 2017	P76733	Failing Culvert - 80 LF x 36" CMP			\$292,349	\$292,349
47	Eureka Canyon Rd	PM 7.71	Feb. 1-23, 2017	P76734	road damage due to large fallen tree uprooted			\$119,102	\$119,102
48	Eureka Canyon Rd	PM 7.58	Jan. 18-23, 2017	P76523	slipout failed culvert			\$600,000	\$600,000
49	Eureka Canyon Rd	PM 8.39	Feb. 1-23, 2017	P76780	slipout - 50' wide by 20' deep			\$828,395	\$828,395
50	Fairway Dr	at Maretta Drive	Feb. 1-23, 2017	P76818	road uplifted due to large diameter fallen eucalyptus tree				
51	Felton Empire Rd	PM 1.4	Feb. 1-23, 2017	P76831					
52	Felton Empire Rd	PM 1.62	Jan. 3-12, 2017	P76516	40' L slipout, install cribwall, guard rail, AC dike, pavement repair, erosion control			\$335,665	\$335,665
53	Felton Empire Rd	PM 2.62	Feb. 1-23, 2017	P76781	Slipout - install 77' L x 10' T soldier pile wall				\$457,000
54	Gaffey Rd	PM 0.03 & 0.04	Feb. 1-23, 2017	P76586	Slipout			\$283,000	\$283,000
55	Glen Haven Rd	PM 2.27	Feb. 1-23, 2017	P76735	slipout 100x19				TBD
56	Glenwood Cutoff	PM 0.02	Jan. 18-23, 2017	P76554	35' long slipout, install cribwall, new pavement, AC dike, erosion control			\$363,834	\$363,834
57	Glenwood Dr	PM 2.02	Feb. 1-23, 2017	P76782	slope failure below existing pile wall				
58	Glenwood Dr	PM 2.60	Jan. 18-23, 2017	P76783	Concrete wall leaning, road cracking - install crib wall			\$1,160,000	\$1,160,000
59	Glenwood Dr	PM 2.62	Jan. 18-23, 2017	P76529	58' x 20' deep slipout of one lane			\$655,000	\$655,000
60	Glenwood Dr	PM 4.27	Feb. 1-23, 2017	P76589	Failed 24"x40' culvert			\$100,000	\$100,000
61	Granite Creek Rd	PM 0.06	Jan. 18-23, 2017	P76587					TBD
62	Granite Creek Rd	PM 0.47	Feb. 1-23, 2017	P76736	slipout 50x10x5 with overside drain				TBD
63	Granite Creek Rd	PM 0.55	Feb. 1-23, 2017	P76737	slipout 10x10x15				TBD
64	Granite Creek Rd	PM 1.66	Feb. 1-23, 2017	P76714	2 slipouts 10' & 40' long x 10' tall by culvert - recommend rsp			\$200,000	\$200,000
65	Granite Creek Rd	PM 2.10	Feb. 1-23, 2017	P76588	slipout 15' wide by 20' tall - recommend wall			\$350,000	\$350,000
66	Green Valley Rd	PM 1.05	Feb. 1-23, 2017	P76784	Slipout & culvert repair				\$629,000
67	Green Valley Rd	PM 1.85	Feb. 1-23, 2017	P76738	large sinkhole due to culvert failure due to flooding			\$629,095	\$629,095
68	Green Valley Rd	PM 1.98	Feb. 1-23, 2017	P76739	sinkhole at bridge abutment			\$33,000	\$33,000
69	Green Valley Rd	PM 3.25	Feb. 1-23, 2017	P76740	cribwall undermined at bridge abutment			\$65,134	\$65,134
70	Grove St	Hwy 9 to Lorenzo Ave	Jan. 18-23, 2017	P76555	pavement/subgrade failure due to flooding and excessive subsurface water			\$104,000	\$104,000
71	Hazel Dell Rd	PM 2.00	Feb. 1-23, 2017	P76590	Large Slipout/ landslide 85' long x 10' deep, slip potential - stitch pile			\$650,629	\$650,629
72	Hazel Dell Rd	PM 2.08	Jan. 18-23, 2017	P76527	Slipout, failure of previous damage site			\$795,252	\$795,252
73	Hazel Dell Rd	PM 2.13	Feb. 1-23, 2017	P76785	slipout - 30' wide by 10' deep			\$270,460	\$270,460
74	Hazel Dell Rd	PM 2.16	Feb. 1-23, 2017	P76591	settling roadway 85' long, possible cross culvert damage			\$1,030,088	\$1,030,088
75	Hazel Dell Rd	PM 2.21	Feb. 1-23, 2017	P76592	failing crib wall - 50' long 12' tall			\$400,728	\$400,728
76	Hazel Dell Rd	PM 2.37	Feb. 1-23, 2017	P76786	slipout embankment settlement			\$972,487	\$972,487
77	Hazel Dell Rd	PM 2.58	Feb. 1-23, 2017	P76593	failed crib wall (March 2016 DAF has been Approved)			\$795,252	\$795,252
78	Highland Way	(at Spanish Ranch rd)	Jan. 18-23, 2017	P76524	Failure of 3' culvert and associated slipout			\$500,000	\$500,000
79	Highland Way	PM 3.16	Feb. 1-23, 2017	P76823	large slipout			\$2,435,383	\$2,435,383
80	Highland Way	PM 3.24	Feb. 1-23, 2017	P76817	Damaged downdrain due to slide material			\$101,112	\$101,112
81	Highland Way	PM 3.73	Feb. 1-23, 2017	P76824	small slipout should embankment			\$304,667	\$304,667
82	Highland Way	PM 3.91	Feb. 1-23, 2017	P76741	slipout edge of road/shoulder embankment - 25' W x 15' D			\$392,885	\$392,885
83	Highland Way	PM 4.14	Jan. 18-23, 2017	P76525	Minor slipout on edge of roadway			\$85,000	\$85,000
84	Highland Way	PM 5.45	Feb. 1-23, 2017	P76787	70' Long Slipout			\$952,105	\$952,105
85	Highland Way	PM 6.56	Feb. 1-23, 2017	P76742	ditch washout 2x200				TBD

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
86	Highland Way	PM 7.16	Feb. 1-23, 2017	P76825	failed culvert - 3' x 60 lf			\$255,218	\$255,218
87	Hopkins Gulch Rd		Feb. 1-23, 2017	P76788	site #1 - soldier pile wall			\$382,000	\$382,000
88	Hopkins Gulch Rd		Feb. 1-23, 2017	P76789	site #2 - debris wall			\$212,000	\$212,000
89	Hopkins Gulch Rd		Feb. 1-23, 2017	P76789	site #3 - soldier pile wall			\$552,000	\$552,000
90	Hopkins Gulch Rd		Feb. 1-23, 2017	P76790	site #4 - soldier pile wall			\$963,000	\$963,000
91	Hubbard Gulch Rd	PM 0.12	Feb. 1-23, 2017	P76791	slipout 8'x42', fallen tree			\$282,000	\$282,000
92	Hubbard Gulch Rd	PM 0.80	Jan. 18-23, 2017	P76537	40' L slipout, install pier lagging wall, pavement repair, AC dike, drainage system, erosion control			\$542,000	\$542,000
93	Huntington Dr	PM 0.55	Feb. 1-23, 2017	P76743	undermining of road/embankment failure, damaged culvert due to flooding			\$588,733	\$588,733
94	Hutchinson Rd CSA	PM 0.45	Jan. 18-23, 2017	P76506	Road embankment slipout that damaged a portion of the road - 140' L x 25' T w/ tiebacks			\$1,840,000	\$1,840,000
95	Ice Cream Grade	PM 1.36	Feb. 1-23, 2017	P76793	Slipout - 105'L x 8'D - install soldier pile wall				\$419,000
96	Ice Cream Grade	PM 1.55	Jan. 3-12, 2017	P76510	42' L slipout, install MSE wall, pavement repair, erosion control			\$342,640	\$342,640
97	Ice Cream Grade	PM 1.60	Feb. 1-23, 2017	P76715	road cracking/slipout in progress				\$542,000
98	Jamison Creek Rd	PM 0.70	Jan. 3-12, 2017	P76513	Road embankment slipout. Soldier pile wall repair			\$621,000	\$621,000
99	Jamison Creek Rd	PM 0.80	Feb. 1-23, 2017	P76716	Slipout - 80'L x 8'D - install soldier pile wall			\$975,000	\$975,000
100	Jamison Creek Rd	PM 1.09	Feb. 1-23, 2017	P76717	Slipout - 49'L x 8'D - install soldier pile wall			\$680,000	\$680,000
101	Jamison Creek Rd	PM 1.44	Feb. 1-23, 2017	P76718	150'L slipout - install stitch pile wall			\$794,000	\$794,000
102	Jarvis Rd	PM 0.15	Feb. 1-23, 2017	P76794	Slipout - 30'L x 10'D - install soldier pile wall				\$328,000
103	Jarvis Rd	PM 0.64	Jan. 18-23, 2017	P76538	slipout			\$337,000	\$337,000
104	Jarvis Rd	PM 1.02	Jan. 18-23, 2017	P76556	slipout			\$521,000	\$521,000
105	Jarvis Rd	PM 1.04	Jan. 18-23, 2017	P76556	slipout			\$255,000	\$255,000
106	Jarvis Rd	PM 1.07	Jan. 18-23, 2017	P76556	slipout			\$256,000	\$256,000
107	Jarvis Rd	PM 1.47	Jan. 18-23, 2017	P76557	slipout			\$293,000	\$293,000
108	Jarvis Rd	PM 1.66	Jan. 18-23, 2017	P76558	culvert failure			\$46,000	\$46,000
109	Kings Creek Rd	PM 1.65	Jan. 18-23, 2017	P76594	Broken down drain & slipout - Install gabion baskets or RSP, backfill and reinstall HDPE SD				\$55,000
110	Kings Creek Rd	PM 3.03	Jan. 18-23, 2017	P76559	18' L slipout, install soldier pile wall, guard rail, pavement repair, erosion control			\$326,000	\$326,000
111	Kings Creek Rd	PM 3.16	Jan. 18-23, 2017	P76560	100' L slipout, install stitch pile wall, underdrain, AC pavement & dike, guard rail, erosion control			\$572,000	\$572,000
112	La Madrona Dr	PM 0.74	Jan. 18-23, 2017	P76561	minor edge slipout from overtopping			\$59,480	\$59,480
113	Laurel Glen Rd	PM 1.52	Feb. 1-23, 2017	P76816	road subgrade/structural section failure due to flooding				
114	Laurel Glen Rd	PM 1.97	Feb. 1-23, 2017	P76744	slipout 25x3				TBD
115	Laurel Rd	PM 0.20	Feb. 1-23, 2017	P76745	slipout 10x2x5 at PG&E pole - rsp fix			\$37,000	\$37,000
116	Laurel Rd	PM 1.97	Jan. 18-23, 2017	P76562	slipout adjacent to existing cribwall			\$428,376	\$428,376
117	Little Basin Rd	PM 0.64	Jan. 18-23, 2017	P76540	35' L slipout, pier lagging wall, AC dike, drainage system, pavement repair, erosion control			\$408,000	\$408,000
118	Little Basin Rd	PM 0.85	Feb. 1-23, 2017	P76795	Slipout				\$901,000
119	Lockhart Gulch	PM 0.24	Feb. 1-23, 2017	P76796	Slipout - 55'L x 15'D - install crib wall				\$445,000
120	Loma Prieta Ave	PM 2.82	Feb. 1-23, 2017	P76746	Slipout - 20'L x 20'D - install soldier pile wall			\$377,632	\$377,632
121	Loma Prieta Way	PM 3.33	Feb. 1-23, 2017	P76747	Slipout - 60'L x 15'D - install soldier pile wall			\$699,546	\$699,546
122	Lompico Rd	PM 0.16	Feb. 1-23, 2017	P76595	Failing Crib Wall - 70' long - old AT&T trench failing			ROUGH	\$500,000
123	Lompico Rd	PM 0.22	Feb. 1-23, 2017	P76596	Slipout - 80' long - soldier pile wall			ROUGH	\$500,000
124	Lompico Rd	PM 0.65	Feb. 1-23, 2017	P76832					
125	Lompico Rd	PM 0.70	Feb. 1-23, 2017	P76833					
126	Lompico Rd	PM 0.80	Feb. 1-23, 2017	P76834					
127	Lompico Rd	PM 1.22	Feb. 1-23, 2017	P76835					
128	Lompico Rd	PM 1.85	Feb. 1-23, 2017	P76836	Emergency fix - RSP wall - 40' L x 15' T				
129	Lompico Rd	PM 2.38	Feb. 1-23, 2017	P76719	25' L slipout, install cribwall, guard rail, AC dike			\$317,000	\$317,000

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
130	Lorenzo Ave	Address 12415	Feb. 1-23, 2017	P76797	Slipout & culvert repair				\$230,000
131	Love Creek Rd	PM 0.35	Jan. 18-23, 2017	P76563	slipout - install concrete crib wall				\$336,000
132	Love Creek Rd	PM 1.14	Feb. 1-23, 2017	P76720	slipout - rebuild road with RSP				\$399,000
133	Lower Highland Way	PM 0.34	Jan. 18-23, 2017	P76541	65'L x 25' D slipout, repair with soldier pile wall w/ tiebacks & RSP and road repair			\$773,000	\$773,000
134	McGregor Dr	PM 1.35	Jan. 18-23, 2017	P76597	minor slipout due to overtopping - 15' widex25' tall			\$102,885	\$102,885
135	Memory Ln	PM 0.32	Feb. 1-23, 2017	P76837	subsurface water destroyed road - install french drain, culvert and new roadbed section				tbd
136	Merk Rd	PM 1.10	Feb. 1-23, 2017	P76748	Slipout- 25'L x 15'D - install soldier pile wall			\$153,308	\$153,308
137	Miller Cutoff Rd	PM 0.49	Jan. 3-12, 2017	P76564	Slipout - 75'L x 12'D - install soldier pile wall			\$1,073,023	\$1,073,023
138	Miller Cutoff Rd	PM 0.99	Feb. 1-23, 2017	P76749	CMP culvert inlet base undermining				TBD
139	Moosehead Dr	Hainline to Stephen Rd	Jan. 18-23, 2017	P76549	Road undermined by Aptos Creek			\$90,744	\$90,744
140	Morrell Rd	PM 0.15	Feb. 1-23, 2017	P76750	Slipout - 102' L - install stitch pile wall			\$850,000	\$850,000
141	Morrell Rd	PM 0.50	Feb. 1-23, 2017	P76798	Slipout - 30'L x 15'W x 10'T - install MSW wall				\$216,000
142	Mountain St	E/O Hwy 9	Jan. 18-23, 2017	P76598	Roadbed failure due to flooding			\$160,000	\$160,000
143	Mt. Bache Rd	PM 0.14	Feb. 1-23, 2017	P76751	40' L x 20' D slipout edge road/shoulder			\$582,925	\$582,925
144	Mt. Charlie Rd	PM 0.26	Feb. 1-23, 2017	P76752	slipout shoulder embankment			\$587,000	\$879,000
145	Mt. Charlie Rd	PM 0.54	Feb. 1-23, 2017	P76721	Culvert and embankment damaged due to flooding			\$33,000	\$33,000
146	Mt. Charlie Rd	PM 1.35	Feb. 1-23, 2017	P76799	Road settling - remove/replace 45'L x 10'W x 5'D				\$185,000
147	Mt. Charlie Rd	PM 1.89	Feb. 1-23, 2017	P76722	40' L road cracking/slipout in progress, install pier/lagging wall, guard rail, AC dike			\$421,000	\$421,000
148	Mt. Charlie Rd	PM 3.50	Jan. 18-23, 2017	P76547	35' L slipout, install cribwall, pavement repair, AC dike, drainage system, erosion control			\$441,000	\$441,000
149	Mt. Madonna Rd	PM 0.96	Feb. 1-23, 2017	P76826	FAILED CUVLERT - 6' DIAMETER X 30 LF			\$337,012	\$337,012
150	N. Rodeo Gulch Rd	PM 0.92	Jan. 3-12, 2017	P76512	Road embankment slipout damaged a portion of the road. Soldier Pile Retaining Wall			\$831,000	\$831,000
151	N. Rodeo Gulch Rd	PM 3.82	Jan. 18-23, 2017	P76526	Slipout			\$525,324	\$525,324
152	N. Rodeo Gulch Rd	PM 4.31	Jan. 18-23, 2017	P76565	slipout 40' wide by 20' deep - recommend pile wall			\$677,923	\$677,923
153	N. Rodeo Gulch Rd	PM 4.94	Jan. 18-23, 2017	P76566	slipout			\$653,801	\$653,801
154	N. Rodeo Gulch Rd	PM 5.00	Jan. 18-23, 2017	P76567	slipout/bank erosion at existing culvert headwall			\$47,747	\$47,747
155	Nelson Rd	PM 0.63	Feb. 1-23, 2017	P76800	Slipout & culvert repair				\$305,000
156	Nelson Rd	PM 0.43	Jan. 3-12, 2017	P76568	slipout			\$200,000	\$681,000
157	Nelson Rd	PM 0.44	Jan. 18-23, 2017	P76546	road washout due to clogged culvert/flooding			\$351,000	\$351,000
158	Ocean St Ext	PM 1.31	Jan. 18-23, 2017	P76569	slipout - Install crib wall - 40'L x 15'D			\$416,654	\$416,654
159	Old Ranch Rd - CSA	between 16328 & 16767	Jan. 18-23, 2017	P76505	Debris Removal, slipout 35' wide	\$50,000		\$250,000	\$300,000
160	Old Santa Cruz Hwy	PM 1.01	Feb. 1-23, 2017	P76753	Slipout - 50'L x 25'D - install soldier pile wall				\$933,000
161	Old Santa Cruz Hwy	PM 1.06	Feb. 1-23, 2017	P76754	Slipout - 85'L x 10'D - install soldier pile wall				\$524,000
162	Old Santa Cruz Hwy	PM 1.14	Feb. 1-23, 2017	P76755	Slipout - 80'L x 12'D - install soldier pile wall				\$552,000
163	Old Santa Cruz Hwy	PM 1.20	Feb. 1-23, 2017	P76755	slipout - crib wall recommended 50x28			\$725,000	\$725,000
164	Old Santa Cruz Hwy	PM 1.36	Feb. 1-23, 2017	P76756	Slipout - 90'L x 15'D - install soldier pile wall				\$955,000
165	Paper Mill Rd	Address 3559	Feb. 1-23, 2017	P76757	slipout 20x30x3			\$499,000	\$499,000
166	Pleasant Valley Rd	PM 0.98	Jan. 18-23, 2017	P76570	sinkhole			\$36,716	\$36,716
167	Porter Gulch	PM 0.33	Feb. 1-23, 2017	P76758	Slipout - 42'L x 10'D - install soldier pile wall				\$374,000
168	Prescott Rd	PM 0.52	Feb. 1-23, 2017	P76759	Slipout - install soldier pile wall				\$343,000
169	Redwood Lodge Rd	PM 1.50	Feb. 1-23, 2017	P76760	slipout 50x150x10				TBD
170	Redwood Lodge Rd	PM 1.65	Jan. 3-12, 2017	P76571	slipout along face of existing stitch pile wall			ROUGH	\$200,000
171	Redwood Lodge Rd	PM 2.02	Jan. 3-12, 2017	P76572	long slipout - area has landslide/ settlement issues			ROUGH	\$700,000
172	Redwood Rd	PM 0.06	Feb. 1-23, 2017	P76801	60' Long slipout			\$851,081	\$851,081
173	Redwood Rd	PM 0.15	Feb. 1-23, 2017	P76761	50' L x 17' D slipout road edge/shoulder embankment next to creek			\$755,375	\$755,375

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
174	Redwood Rd	PM 0.23	Jan. 18-23, 2017	P76542	35'L x 15' H slipout, repair with crib wall and road repair			\$495,000	\$495,000
175	Redwood Rd	PM 0.29, 0.31, 0.33	Feb. 1-23, 2017	P76701	0.29-Cracking Settling Roadway, 0.31-slipout, 0.33-failed 12" culvert			\$3,378,131	\$3,378,131
176	Redwood Rd	PM 0.38 & 0.40	Feb. 1-23, 2017	P76702	0.38-Slipout, 0.40 failed concrete block wall to large culvert			\$888,478	\$888,478
177	Rider Rd	PM 0.38	Feb. 1-23, 2017	P76802	Minor slipout of existing RSP and overside drain			\$70,717	\$70,717
178	Rider Rd	PM 0.80	Feb. 1-23, 2017	P76803	100' Long Slipout and damage to culvert			\$849,929	\$849,929
179	Rider Rd	PM 1.86	Feb. 1-23, 2017	P76827	Edge Slipout - 8x8			\$40,055	\$40,055
180	River Rd - Boulder Creek	PM 0.28	Feb. 1-23, 2017	P76804	Cracking road - Install soldier pile wall 150' L x 6' tall w/ french drain				\$583,000
181	Rockview Dr	Storm Drain Outfall @ Bluff	Feb. 1-23, 2017	P76703	sinkhole at storm drain outfall				\$142,000
182	San Andreas Rd	PM 1.24	Feb. 1-23, 2017	P76762	45' L x 30' D slipout of shoulder/embankment			\$1,240,466	\$1,240,466
183	San Andreas Rd	PM 1.30	Feb. 1-23, 2017	P76763	Slipout over culvert (investigate culvert further)			\$100,935	\$100,935
184	Schulties Rd	PM 0.51	Feb. 1-23, 2017	P76764	slipout 100x200x17				\$961,000
185	Schulties Rd	PM 1.14	Jan. 3-12, 2017	P76534	Damage to existing retaining structure			\$106,000	\$106,000
186	Schulties Rd	PM 1.29	Feb. 1-23, 2017	P76805	Slipout - 30'L x 15'D - install soldier pile wall				\$266,000
187	Schulties Rd	PM 2.05	Jan. 18-23, 2017	P76573	slipout			\$970,479	\$970,479
188	Seacliff Dr	PM 0.56	Feb. 1-23, 2017	P76806	Downdrain repair			\$140,902	\$140,902
189	Siesta Dr	PM 0.04	Jan. 18-23, 2017	P76765	slipout - 20x15			\$58,842	\$58,842
190	Skyland Rd	PM 2.41	Feb. 1-23, 2017	P76766	Slipout - 90'L x 24'D - install earth backfill				\$866,000
191	Skyland Rd	PM 2.49	Feb. 1-23, 2017	P76767	Slipout - 75'L x 15'D - install soldier pile wall				\$775,000
192	Smith Grade Rd	PM 0.43	Jan. 18-23, 2017	P76576	slipout/settlement pavement separation			\$456,000	\$456,000
193	Smith Grade Rd	PM 0.52	Feb. 1-23, 2017	P76807	slipout				
194	Smith Grade Rd	PM 0.97	Feb. 1-23, 2017	P76808	culvert failure				
195	Smith Grade Rd	PM 1.38	Jan. 3-12, 2017	P76514	Road slump. Slurry and earth backfill repair			\$38,000	\$38,000
196	Smith Grade Rd	PM 1.90	Jan. 18-23, 2017	P76574	3' diameter sinkhole			\$108,668	\$108,668
197	Smith Grade Rd	PM 2.83	Jan. 3-12, 2017	P76575	failed cross culvert			ROUGH	\$80,000
198	Smith Grade Rd	PM 4.06	Jan. 18-23, 2017	P76577	12' L slipout, install pier and lagging wall, AC dike, pavement repair, erosion control			\$271,000	\$271,000
199	Soquel Dr	Valencia Creek (Aptos Street)	Feb. 1-23, 2017	P76723	slipout				TBD
200	Soquel San Jose Rd	PM 3.97	Feb. 1-23, 2017	P76768	2 slipouts, 20x50x10 & 50x150x10				TBD
201	Soquel San Jose Rd	PM 5.67	Feb. 1-23, 2017	P76769	slipout 8x30x5				TBD
202	Soquel San Jose Rd	PM 5.91	Feb. 1-23, 2017	P76724	large slide below road includes one vehicle travel lane				TBD
203	Spanish Ranch Rd	PM 0.20	Feb. 1-23, 2017	P76809	30' Long slipout adjacent to existing cribwall			\$792,594	\$792,594
204	Spanish Ranch Rd	PM 0.37	Feb. 1-23, 2017	P76810	70' Long slipout			\$362,711	\$362,711
205	Spring Valley Rd	PM 0.18	Jan. 3-12, 2017	P76704	flooding due to sediment in creek			\$496,257	\$496,257
206	State Park Dr	Seacliff	Jan. 3-12, 2017	P76503	road embankment, damaged storm drain & two sewer force mains - 30' W x 50' L x 18' D = 27,000 cf			\$1,000,000	\$1,000,000
207	Stetson Rd	PM 1.08	Feb. 1-23, 2017	P76771	Slipout - 55'L x 18'D - install soldier pile wall				\$775,000
208	Stetson Rd	PM 1.20	Feb. 1-23, 2017	P76811	Slipout - 58'L x 15'D - install soldier pile wall				\$696,000
209	Sumner Ave	Dolphin Dr	Feb. 1-23, 2017	P76772					
210	Swanton Rd	PM 0.72	Jan. 18-23, 2017	P76578	failure culvert and headwall				\$1,000,000
211	Swanton Rd	PM 3.00	Jan. 18-23, 2017	P76543	60' L slipout, install pier/lagging wall, pavement repair, AC dike, drainage system, guard rail			\$659,000	\$659,000
212	Trout Gulch Rd	PM 1.16	Feb. 1-23, 2017	P76812	Slipout - 40'x20'			\$571,582	\$571,582
213	Trout Gulch Rd	PM 1.18	Feb. 1-23, 2017	P76813	Broken downdrain & slipout			\$432,984	\$432,984
214	Trout Gulch Rd	PM 1.85	Feb. 1-23, 2017	P768143	slipout - 50x15'			\$524,172	\$524,172
215	Trout Gulch Rd	PM 1.90	Feb. 1-23, 2017	P76705	large Slipout near cross culvert			\$888,566	\$888,566
216	Trout Gulch Rd	PM 2.36	Feb. 1-23, 2017	P76706	small slipout at fallen oak tree			\$135,496	\$135,496

## COUNTY OF SANTA CRUZ FINAL 2017-2018 CAPITAL IMPROVEMENT PROGRAM

No.	Road	Location	Disaster Declaration Date	Project Number	Description of Damage and Scope of Work	Category			Estimated Cost
						A	B	C	
217	Trout Gulch Rd	PM 3.03	Jan. 18-23, 2017	P76544	slipout			\$571,137	\$571,137
218	Two Bar Rd	PM 1.13	Feb. 1-23, 2017	P76725	Slipout - 70'L x 20'D - install soldier pile wall				\$749,000
219	Upper E. Zayante Rd	PM 0.82	Feb. 1-23, 2017	P76726	failed 15" culvert and sink holes - Remove and replace with 24" dia. HDPE 40'Long with RSP			\$30,000	\$30,000
220	Upper E. Zayante Rd	PM 1.7	Jan. 3-12, 2017	P76515	Road embankment slipout. Soldier pile wall repair			\$695,000	\$695,000
221	Valencia Rd	PM 0.34	Feb. 1-23, 2017	P76815	Slipout - 60'x15'			\$693,165	\$693,165
222	Valencia Rd	PM 2.26	Feb. 1-23, 2017	P76707	failing cross culvert with small slipout			\$115,380	\$115,380
223	Valencia Rd	PM 2.43	Feb. 1-23, 2017	P76727	Slipout - Recommend Soil Nail Wall repair w/ RSP			\$1,895,083	\$1,895,083
224	Valencia Rd	PM 2.59	Feb. 1-23, 2017	P76708	Wingwall undermined, cmp pipe damaged at inlet			\$400,462	\$400,462
225	Valencia Rd	PM 0.04 (Trout Creek)	Jan. 18-23, 2017	P76531	culvert failure, road/embankment settling			ROUGH	\$3,800,000
226	Valencia School Rd	PM 0.35	Feb. 1-23, 2017	P76709	Slipout with fallen tree			\$1,042,761	\$1,042,761
227	Valencia School Rd	PM 0.39	Feb. 1-23, 2017	P76773	culvert failure undermining roadway			\$287,032	\$287,032
228	Vine Hill Rd	PM 1.18	Jan. 3-12, 2017	P76507	Large Redwood Tree Removal, reconstruct pavement section			\$50,000	\$50,000
229	Vine Hill Rd	PM 1.27	Feb. 1-23, 2017	P76774	slipout 50x80x5				TBD
230	West Park Ave	PM 0.80	Jan. 18-23, 2017	P76545	15' L slipout, install pier/lagging wall, pavement repair, AC dike, drainage system, erosion control			\$421,000	\$421,000

**Total: \$800,000    \$400,000    \$82,551,920    \$103,107,302**